EXD.
Bur. Ent. & Plant Quar.
1988

Issued September 1952

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1951

(List of Pests Recorded During the Period July 1, 1950 to June 30, 1951, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

COMMONWEALTH INST.
OF ENTOMOLOGY
11 OCT 1952
SERIAL U.S. A. 69 P
SEPARATE

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

This report, covering the thirty-eighth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc. and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Because of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included in the tabulation.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the year of this report importers have continued a lively interest in obtaining various seeds, plants, bulbs, fruits, and plant products from many parts of the world. With such importations, which more and more frequently arrive by air, come an increasing number of living plant pathogens and insect pests. Fruit flies and the golden nematode continue to be among the primary pests for which inspectors are constantly alerted.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in baggage, express, freight, mail, and stores. During the year 3,269 interceptions were made of insects on imported plant parts or as stowaways, and 534 interceptions of plant diseases. A little more than one-third of the pathogens were not determinable as to species, but, from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United

States but are known to cause important crop losses in the countries where they occur. Some of the more injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Among the more important insects found in air-borne material were: *Adoxophyes orana* on cut flowers of lilac in cargo from the Netherlands (although this species is a rather general feeder this is the first record on lilac for the National Museum collection); the citrus blackfly (*Aleurocanthus woglumi*) on an orange leaf in baggage from Mexico; the woolly whitefly (*Aleurothrixus floccosus*) on *Citrus* sp. leaf in baggage from the Bahamas and on lignumvitae in baggage from Jamaica; the Mexican fruit fly (*Anastrepha ludens*) in guava in baggage from Nicaragua, in mango in baggage from Mexico, in orange in baggage and stores from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in mango in cargo from Panama and Salvador, in mango in mail from Puerto Rico, in mango in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Panama, and Salvador, in yellow mombin in stores from Guatemala; *A. serpentina* in sapodilla in baggage from Nicaragua, in sapote in baggage from Mexico, in star-apple in baggage from Panama and in star-apple in express from Salvador; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; *Brachyrhinus rugosostriatus* in soil on roots of *Saxifraga* sp. in cargo from Switzerland; *Bruchus luteicornis* in vetch seed in baggage from Germany; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from the Azores and Portugal, in apricot in baggage from Lebanon, in apricot in stores from Portugal, in avocado in baggage from Portugal, in fig in quarters from Italy, in fig in baggage from Greece, Italy, and Lebanon, in lemon in baggage from the Azores, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from the Azores and Spain, in nectarine in baggage from Italy, in *Opuntia* sp. in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from the Azores, Israel, Lebanon, and Spain, in peach in baggage from France, Italy, and Spain, in peach in stores from the Azores, Italy, and Portugal, in pear in baggage from Italy, in pear in stores from Portugal, in pomegranate in baggage from Greece, in prickly pear in baggage from Italy, in quince in baggage from Italy; *C. capitata* (?) in plum in baggage from Italy; the mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage from India; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, and Syria; the citrus whitefly (*Dialeurodes citri*) on gardenia leaf in baggage from Mexico; *Ereunetis flavistriata* in coconut in baggage from Hawaii; the Oriental fruit moth (*Grapholitha molesta*) in peach and pear in baggage from Japan; a bean pod borer, *Maruca testulalis*, in pigeonpea in baggage and mail from Puerto Rico, in string bean in mail from Puerto Rico; in string bean in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas and Italy, in cottonseed in baggage from Puerto Rico, in cottonseed in cargo from Brazil, in okra in baggage from Puerto Rico and Trinidad; the leaf roller (*Polychrosis botrana*) in grapes in baggage from Greece and Italy; the European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain, in cherry in quarters from France, in cherry in stores from France, Portugal, and Sweden.

Some important plant pathogens found on air-borne material and believed to be new to or not as yet established in the United States were: *Catacauma sabal* on palm leaf in baggage from Mexico; *Cercospora insulana* on *Limonium* sp. in cargo from Mexico; *Chrysomyxa rhododendri* on rhododendron in cargo from England and Switzerland; *Colletotrichum cajani* on pigeonpea in baggage from Puerto Rico; *Elsinoe australis* on lemon and sweet orange in baggage from Brazil, on sweet orange in stores from Argentina, and on sweet orange in baggage from an unknown origin; *E. phaseoli* on lima bean in baggage from Puerto Rico; *Gymnosporangium juniperi* and *G. juniperinum* on European mountain ash in baggage from Sweden; "Leprosis" on orange in baggage from Bolivia; *Mycosphaerella advena* on *Chamaedorea* sp. (palm) in cargo from Mexico; *M. palmae* on palm in cargo from Mexico; *Phlyctaena ranunculacearum* on tree peony in cargo from Japan; *Phoma hortensiae* on hydrangea in baggage from the Azores; *Phyllosticta passiflorae* on passion fruit in baggage from Australia; *Puccinia buxi* on box in baggage from Yugoslavia; *P. urbaniana* on

Stachytarpheta spp. in baggage from Puerto Rico; *Septoria posekensis* on *Odontoglossum citrosmum* (orchid) in cargo from Mexico and on *Cypripedium callosum* (orchid) in cargo from Siam; *Stachylidium theobromae* on banana in stores from Portugal; *Uredo jucunda* on philodendron in cargo from Costa Rica; virus (undetermined) on *Crossandra* sp. in mail from the Canal Zone; *Xanthomonas citri* on sour lime in stores from India; *Xanthomonas* sp. (Cancrosis "B") on lemon in stores from Argentina.

Intercepted plant disease organisms found on air-borne material that are generally of limited distribution in the United States were: *Coniothyrium hellebori* on Christmas-rose in cargo from the Netherlands and Switzerland; *Entyloma dahliae* on dahlia in baggage from Denmark; *Phakopsora desmium* on cotton in baggage from Puerto Rico; two species of nematodes, *Heterodera punctata* in soil with various plants intended for propagation from England, Germany, Sweden, and Switzerland, and the golden nematode (*H. rostochiensis*) in soil with strawberry, gooseberry, carnation, lavender, chrysanthemum plants from England, in soil with raspberry and currant plants from Sweden, in soil with rhododendron, heather, and shamrock plants from Scotland, in soil with gloxinia plants from Norway and Luxembourg, in soil with kale and shamrock plants from Ireland, in soil with narcissus bulbs and dahlia roots from Ireland, in soil with *Myrtus* sp. plant from Germany, in soil with clematis plants from Switzerland, and in soil with strawberry plants from Denmark. All of this material was intended for propagation.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha fraterculus* in orange in quarters from Argentina and in peach in baggage from Mexico; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in stores from Guatemala, in grapefruit in baggage from Mexico, in guava in baggage from Nicaragua, in mango in baggage, quarters, and stores from Mexico, in orange in baggage from Guatemala, Mexico, and Salvador, in orange in stores from Costa Rica and Mexico, in orange in quarters from Mexico, in peach in baggage from Mexico, in pear in baggage from Mexico, in pomegranate in baggage from Mexico, in quince in baggage from Mexico, in sapote in baggage from Mexico, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in mango in cargo from Panama and Salvador, in mango in mail from Puerto Rico, in mango in quarters from Guatemala, Honduras, Mexico, and Trinidad, in mango in stores from the Canal Zone, Cuba, Dominican Republic, and Haiti, in *Spondias* sp. in baggage from Salvador and in *Spondias* sp. in mail from Puerto Rico, in yellow mombin in baggage from Guatemala, Nicaragua, Panama, and Salvador, in yellow mombin in baggage and stores from Guatemala; *A. mombinpraeoptans* (?) in guava in quarters from Honduras; *A. serpentina* in mamey and sapote in baggage from Mexico, in sapodilla in baggage from Nicaragua, and in sapodilla in quarters from Guatemala, in star-apple in baggage from Panama and in star-apple in express from Salvador; *A. serpentina* (?) in orange in stores from Peru; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from the Azores, Italy, and Portugal, in apricot in baggage from Greece and Lebanon and in apricot in stores from Portugal, in avocado in baggage from Portugal, in coffee berry in baggage from Hawaii, in fig in baggage from Greece, Italy, and Lebanon, in fig in quarters from Italy, in grapefruit in stores from Cyprus, Egypt, Gilbraltar (?), Israel, Palestine, and Spain, in guava in baggage from Israel, in lemon in baggage from the Azores and Italy, in Mandarin orange in baggage from Israel and Italy, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from Algeria, the Azores, Portugal, and Spain, in nectarine in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Italy, Malta, Palestine, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from Africa, Algeria, the Azores, Israel, Italy, Lebanon, Portugal, and Spain, in peach in baggage from France, Italy, and Spain, in peach in stores from the Azores, Italy, Palestine, and Portugal, in pears in baggage from Italy and Syria, in pear in quarters from Italy, in pear in stores from Portugal, in persimmon in baggage from Italy, in pomegranate

in baggage from Greece and Italy, in prickly pear in baggage from Italy, and in quince in baggage from Italy, with grapes, oranges, and plums from Italy (abandoned on pier); *C. capitata* (?) in plum in baggage from Italy; the melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in avocado in baggage from Hawaii, in banana in baggage and quarters from Hawaii, a dead adult in a case of cucumbers in cargo from Hawaii, in mango in baggage from Hawaii, in tomato in stores from Hawaii; in *Ochrosia elliptica* in baggage from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, and Syria, in olive in mail from Italy, in olive in quarters from Crete, in olive in stores from Greece; *D. oleae* (?) in olive in stores from Algeria; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain; in cherry in quarters from France, in cherry in stores from France, Italy, Portugal, and Sweden; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglans* in black walnut in baggage from Mexico; *R. pomonella* in apple in baggage from Mexico, in apple in stores from Canada and the Union of South Africa.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: A bruchid, *Acanthoscelides griseolus*, in *Rhynchosia* sp. seed in mail from Mexico; an eriophyid mite, *Aceria tulipae*, on garlic in cargo from Mexico and on garlic in stores from Chile; *Adoxophyes orana* (Tortricidae) on cut flowers of lilac in cargo by air from the Netherlands; the citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and in mail from Mexico, on hibiscus leaf in baggage from Mexico, on Mandarin orange leaf in baggage from Mexico, on orange leaves in baggage and in baggage by air from Mexico, on orange leaf in stores from Peru, and on sour lime leaf in cargo from Mexico; *Apsychomyrmex tristani* (Formicidae), a very rare species in most collections, on cane of *Philodendron* sp. in cargo from Costa Rica; a curculionid, *Brachyrhinus rugosostriatus*, in soil and moss packing for *Quercus* sp. in cargo and in soil on roots of *Saxifraga* sp., in cargo from Switzerland; a coccid, *Chrysomphalus ritchiei*, on *Calocarpum sapota* in stores from the Canal Zone; *Coccotrypes dactyliperda* (Scolytidae) in cliff date palm seed in mail from India and in unidentified seed in baggage from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana in cargo from Nicaragua; a curculionid, *Cylas femoralis*, in sweetpotato in baggage from Liberia; *Epicaerus cognatus* in potato in baggage and stores from Mexico; *Epinotia tessulatana* (Olethreutidae) in Portuguese cypress in baggage from Portugal; an olethreutid, *Gymnandrosoma aurantianum*, in an orange in stores from Brazil; *Laspeyresia juliana* (Olethreutidae) in chestnut in baggage from Italy; a scolytid, *Leperisinus fraxini*, in *Ulmus* sp. (?) crate in cargo from England; *Lepidosaphes kuwacola* (Coccidae) on tree peony in air express from Japan; *Lilioceris lilii* (Chrysomelidae) in Madonna lily bulb and lily bulb in cargo from France; *Myrmica laevinodis* (Formicidae), an important economic species, on shasta daisy in air express from England; *Naupactus xanthographus* (Curculionidae) in packing around melons in cargo from Chile; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas, British West Africa, Hawaii, Italy, and Mexico, in cotton boll in cargo from Mexico, in cottonseed in baggage from Mexico, in cottonseed in baggage by air from Puerto Rico, in cottonseed in cargo from Brazil, Egypt, and India, and in cargo by air from Brazil, in cottonseed in mail from Brazil, Egypt, and Korea, in cottonseed in quarters from Mexico, in seed cotton in baggage, cargo, and quarters from Mexico, in seed cotton in mail from an unknown origin, in okra in baggage by air from Puerto Rico and Trinidad, in okra in mail from Egypt, and in okra in stores from Brazil and Egypt; an olethreutid, *Polychrosis botrana*, in grape in baggage by air from Greece and Italy; *Puto ulter* (Coccidae) on *Brassia verrucosa*, *Epidendrum atropurpureum*, *Oncidium splendidum*, and *Oncidium* sp., all orchids, in cargo by air from Guatemala; *Reticulitermes speratus* (Rhinotermitidae) on tree peony in cargo from Japan; *Sesamia cretica* (Phalaenidae) in broomcorn and corn in baggage from Italy and in broomcorn in cargo from Greece and Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in stores from Brazil; the bulb scale mite (*Tarsonemus laticeps*) in narcissus bulbs in cargo from the Netherlands.

SNAILS

During the year eleven shiploads of returned military equipment were found to be contaminated with the giant African snail (*Achatina fulica*). San Pedro, Calif., again made the largest number of interceptions of snails (6) on ships arriving from

Guam, the Philippines, and Saipan while San Francisco, Calif., made 4 interceptions and Portland, Oreg., made one, all on ships coming from Guam.

Another injurious snail, *Deroceras reticulatum*, distributed in some of our States, was intercepted at New York, N. Y., with celery in stores from Bermuda, with cut flowers of chrysanthemums in baggage from England, and with unidentified plant material in baggage from Italy, at Galveston, Tex., with cabbage in stores from Italy, and at Miami, Fla., with *Cattleya* sp., an orchid, in cargo by air from Venezuela. *Lamellaxis* sp., a third injurious species, not known to occur on the mainland of the United States, was taken at Honolulu, Hawaii with *Renanthera storiei*, an orchid, in cargo from the Philippines.

NOTES ON DISEASES INTERCEPTED

Japan has contributed the greatest number of interceptions (25) of citrus canker (*Xanthomonas citri*), 17 of which were on lemons, the remaining on sweet oranges and one each on pummelo and grapefruit. China supplied nearly as many interceptions (20) on the same above hosts except lemon and one on Mandarin orange. India dropped to third place this year, contributing fewer interceptions (15) than previous years, most of them on sour lime with one each on lemon and calamodin orange. Cancrosis "B" (*Xanthomonas* sp.), closely related to citrus canker, was intercepted six times on lemons from Argentina. Brazil contributed more interceptions (84) of sweet orange fruit scab (*Elsinoe australis*) on orange, lemon, and sour lime than Argentina (16) on the same hosts except sour lime. "Leprosis", a comparatively new disease to the citrus industry possibly caused by a virus or insect injury, has been intercepted once from Bolivia and once from Brazil. Quantities of plants for propagation purposes were intercepted at the ports of entry. *Chrysomyxa rhododendri*, a rust attacking both spruces and rhododendrons, was brought to this country with cut rhododendron flowers four times from Austria, three times from Switzerland, and once from an unknown source. It also came on one occasion from England on the same host, intended for propagation. Japan contributed 4 interceptions of Chinese juniper infected by a leaf rust, *Gymnosporangium haraeanum*. Flowering quince is the alternate host of this rust species. A stem disease, *Coniothyrium cytisallum*, of *Laburnum* sp. and a leaf disease, *C. hellebori*, on Christmas-rose came from the Netherlands. Two rust diseases, *Gymnosporangium juniperi* and *G. juniperinum*, were intercepted on European mountain ash from Norway and Sweden. The alternate host as the species name implies in both cases is juniper. A destructive leaf disease, *Septoria azaleae*, of rhododendron and azalea was brought from Belgium and the Netherlands.

Other pathogens of importance were *Botrytis gladiolorum* on gladiolus and *Tritonia* sp. in cargo from the Netherlands, on gladiolus in mail from Austria, on gladiolus in cargo from Japan, and on gladiolus in baggage from Mexico and the Netherlands; *Cercospora handelli* on rhododendron in cargo from the Netherlands; *C. kaki* on persimmon in stores from Japan; a parasitic lichen, *Mycena citricolor* (formerly *Omphalia flavida*), on gardenia in baggage from Guatemala and on gardenia in cargo from Mexico.

Nematodes have been important plant pests. The golden nematode, (*Heterodera rostochiensis*), causing serious concern for the third year, generally found in soil with various plant material for propagation, was intercepted 80 times from the British Isles, Europe, and the Scandinavian countries. This nematode was also found 57 times in soil on bagging from Belgium, England, the Netherlands, and Scotland, 21 times in soil with potatoes from Denmark, England, Germany, Ireland, Norway, Scotland, and Spain, 9 times in soil with heather and potatoes from Scotland. Other nematodes of importance were *Anguina tritici* in wheat in mail from Syria and Turkey; *Aphelenchoides parietinus* in *Convallaria* sp. in cargo from Denmark; *Aphelenchus avenae* in onion, potato, and soil with cactus plants, all in baggage from Mexico, and in gladiolus in mail from the Netherlands; *Ditylenchus dipsaci* in onion in baggage from Mexico and in *Tigridia* sp. in cargo from the Netherlands; *D. iridis* in iris in cargo from the Netherlands; *Heterodera avenae* in soil with rutabagas in stores from England and in soil with pine in baggage from the Isle of Man; *H. cacti* in soil with cactus in baggage from France and Israel and in soil with *Epiphyllum* sp. and *Mammillaria* sp. in mail from Mexico; *H. punctata* in soil with various host materials from the British Isles, the Scandinavian Countries, and Europe; *H. schachtii* in soil with beets in stores and in soil with grapes and fig plants in baggage from Italy; *Meloidogyne arenaria* in begonia tubers in cargo from Belgium and in roots of clematis in cargo from the Netherlands.

INCOMPLETELY DETERMINED PESTS

In many instances complete determinations of insects and plant pathogens, including nematodes, have been impossible due to their condition on arrival. Some of these potential pests may be hitherto unknown and may be of economic importance. Furthermore, the increasing importance of nematodes in agriculture is paralleled by an increasing number of interceptions by every method of transportation.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in an empty boxcar which had carried mangoes from Mexico, at El Paso, Tex., in mango in baggage from Mexico, at Galveston, Tex., in orange in stores from British Honduras; *Anastrepha* sp., probably *mombinpraeoptans*, at New Orleans, La., in guava in quarters from Honduras; *Anastrepha* sp. at Miami, Fla., in custard-apple in baggage by air from Peru, at San Juan, Puerto Rico, in date in baggage in preflight inspection for shipment to the mainland, at Brownsville, Tex., in mamey in baggage from Mexico, at Mobile, Ala., in grapefruit in stores from Peru, at Jacksonville, Fla., in grapefruit in stores from Argentina, at Laredo, Tex., in guava in baggage from Mexico, at New Orleans, La., in guava in baggage by air from Salvador, at New York, N. Y., in guava in baggage by air from Colombia, at Baltimore, Md., in mango in stores from Panama, at Brownsville, Tex., in mango in baggage from Mexico, at Hidalgo, Tex., in mango in baggage from Mexico, at Miami, Fla., in mango in baggage by air from Jamaica, at Laredo, Tex., in mango in baggage from Mexico, at New Orleans, La., in mango in baggage by air from Jamaica and in mango in quarters from Cuba and Guatemala, at New York, N. Y., in mango in baggage from Ecuador, at San Antonio, Tex., in mango in baggage by air from Salvador, at West Palm Beach, Fla., in mango in baggage by air from Jamaica, at Brownsville, Tex., in orange in baggage from Mexico, at Houston, Tex., in orange in baggage by air from Guatemala, at Miami, Fla., in orange in baggage by air and stores from Colombia, at New Orleans, La., in orange in stores from Brazil and Peru, at New York, N. Y. in orange in baggage by air from Colombia, at Philadelphia, Pa., in orange in stores from Brazil, at Port Arthur, Tex., in orange in quarters from Brazil, at Brownsville, Tex., in *Passiflora* sp., in stores from Mexico, at Laredo, Tex., in peach in baggage from Mexico, at Thayer, Tex., in peach in baggage from Mexico, at New York, N. Y., in persimmon in baggage by air from Brazil, at Brownsville, Tex., in plum in stores from Mexico, at New Orleans, La., in sapodilla in baggage by air from Salvador, at San Antonio, Tex., in sapodilla in baggage by air from Colombia and Mexico, at Tampa, Fla., in soursop in baggage by air from Peru, at San Pedro, Calif., in yellow mombin in baggage by air from Salvador, at Nogales, Ariz., in a railway car which had been used for hauling mangoes from Mexico; *Dacus* sp. at Norfolk, Va., in cucumber in stores from the Gold Coast, at Baltimore, Md., in squash in stores from the Union of South Africa, at Gulfport, Miss., in tomato in stores from Hawaii; *Rhagoletis* sp. at Laredo, Tex., in apple and apricot in baggage from Mexico, at New York, N. Y., in apple in stores by air from unknown origin (airplane stopped at London, England, and Gander, Canada). Forty-five interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in apple in baggage by air from the Azores and Portugal, in apple in stores by air from Australia, in apricot in stores by air from Portugal, at Hidalgo, Tex., in avocado in baggage from Mexico, at San Francisco, Calif., in avocado in baggage from Hawaii, at New York, N. Y., in azarole hawthorn in baggage from Italy, at San Francisco, Calif., in coffee berry in baggage from Hawaii, in cucumber in cargo from Hawaii, at New York, N. Y., in *Cyphomandra* sp. in mail from Mexico, with assorted fruits in baggage from Italy, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in grape in baggage from Italy and in grapes in stores by air from an unknown origin, at Boston, Mass., in grapefruit in stores from Egypt and the Gold Coast, at Houston, Tex., in grapefruit in quarters from Argentina, at Honolulu, Hawaii, in fruit of *Leucosomia burnettiana* in baggage from the Fiji Islands, at Houston, Tex., in mango in baggage by air from Peru, at Laredo, Tex., in mango in baggage from Mexico, at San Francisco, Calif., in mango in baggage from Hawaii, at Baltimore, Md., in orange in stores from Brazil, at Boston, Mass., in orange in stores from Algeria, Portugal (by air), and Spain, at Galveston, Tex., in orange in stores from Brazil, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in baggage from Trinidad and in orange in stores by air from the Union of South Africa, at Philadelphia, Pa., in orange in quarters from Egypt, at San Diego, Calif., in papaya in stores from Hawaii, at Boston, Mass., in peach in

stores by air from the Union of South Africa, at New York, N. Y., in pear in baggage by air from Greece, at Galveston, Tex., in pepper in stores from the Gold Coast, at Philadelphia, Pa., in chili pepper in stores from Sierra Leone, at San Francisco, Calif., in bell pepper in cargo from Hawaii, at New York, N. Y., in sorbe apple in baggage from Italy, at Calexico, Calif., in a refrigerator car which had been used to transport bananas from Mexico.

The following miscellaneous insects of special interest were intercepted: An aleyrodid, *Aleurocerus* sp., at San Antonio, Tex., on *Chamaedorea oblongata* in cargo by air from Mexico; *Anaphothrips* sp., near or equals *secticornis* (Tryb.) (Thripidae), at Honolulu, Hawaii, on iris plant, in cargo by air from New Zealand; a coccid, *Annulaspis* sp., at Nogales, Ariz., on bamboo in cargo from Mexico; a scarabaeid, *Anomala* sp. at Seattle, Wash., in soil around dwarf juniper in baggage from Japan; *Anthonomus* sp., near *rectirostris* (L.), (Curculionidae) at Seattle, Wash., in *Prunus* sp. seed in cargo from Japan; *Apion* sp., near *cerdo* Gerst., (Curculionidae) at New York, N. Y., in vetch seed in cargo from Portugal and in vetch seed in mail from Italy; a phalaenid, *Autographa* sp., might be *gamma* (L.), at Mobile, Ala., on cauliflower in stores from England; *Autoserica* sp. (Scarabaeidae) at San Diego, Calif., in soil around dwarf conifers in baggage from Japan; *Brachyrhinus* sp. (Curculionidae) at Seattle, Wash., with astilbe roots in cargo and at Hoboken, N. J., with begonia tubers in mail from the Netherlands, at New York, N. Y., in soil with carnation plants in baggage from Germany, and at New York, N. Y., in soil with oxalis plants in baggage from France; a bruchid, *Bruchus* sp., *ervi* Froel. or very near, at New York, N. Y., in dry lentils in baggage from Italy and in cargo by air from Lebanon; *Bruchus* sp., probably *tristis* Boh., at New York, N. Y., in *Lathyrus* sp. seed in baggage from Italy; *Carposina* sp. (Carposinidae) at San Francisco, Calif., in *Robos magnolia* seed in air freight from Japan; a bruchid, *Caryedon* sp., at Washington, D. C., in seed pod of *Terminalia sericae* in mail from Pretoria; an anthribid, Cimberinae (genus unknown), at Nogales, Ariz., in the blossoms of pine from Mexico. (Insofar as known all the species live, as larvae, in the staminate cones of various pines.) *Cladius* sp., probably *diffimoris* (Panz.), (Tenthredinidae) was intercepted at New York, N. Y., with roses in baggage by air from Czechoslovakia, Germany, Italy, and Scotland; a curculionid, *Cleonus* sp. at Baltimore, Md., and at New York, N. Y., in beets in stores from Egypt; a tortricid, *Cnephasia* sp., near or equals *virgaureana* (Treit.), at New York, N. Y., in soil with viburnum cuttings, primroses, and *Sedum* sp. plants, and narcissus bulbs in baggage from England; *Ctenicera* sp. (Elateridae) at Seattle, Wash., with lily bulbs in mail from Canada, at Norfolk, Va., in soil with potatoes in stores from Denmark, and at Hoboken, N. J., in forest litter packing for violet plants in mail from Germany; an undescribed species of *Diaspis* sp. (Coccidae) at Hidalgo, Tex., on avocado in baggage from Mexico; *Diphaulaca* sp., presumably *panamae* Barber, (Chrysomelidae) at New Orleans, La., on deck of airplane from Guatemala; *Euura* sp. (Tenthredinidae) at Boston, Mass., in willow withe in cargo by air from France; *Gelechia* sp. (probably new) (Gelechiidae) at Nogales, Ariz., on a leaf of *Jathropha cinerea* in cargo from Mexico; *Gnorimoschema* sp., near or equals *ocellatella* (Boyd), (Gelechiidae) at Philadelphia, Pa., in beets in stores from Egypt; *Gnorimoschema* sp. at New York, N. Y., in Swiss chard in stores from Gibraltar (?); an. olethreutid *Gymnandrosoma* sp. at New Orleans, La., in an orange in quarters from Mexico; a psyllid, *Heteropsylla* sp., either undescribed or belonging to a species whose males are unknown, at Nogales, Ariz., with a pod of *Cryptostegia* sp. in baggage from Mexico; *Hypera* sp., near *murinus* (F.), (Curculionidae) at San Francisco, Calif., with *Ribes* sp. in mail from Germany; *Laphygma* sp., probably *exempta* (Wlk.), (Phalaenidae) at Honolulu, Hawaii, in an airplane from Kwajalein; *Lecanium* sp. (Coccidae) at San Francisco, Calif., on a plum tree in baggage from Japan. (This is a species not previously reported from Japan and one probably undescribed.) *Lepidosaphes* sp. (Coccidae) was intercepted at San Francisco, Calif., on coconut in mail from Nigeria. (There is a possibility that this actually may be *L. vermiculus* Mamet but it does not fit rigidly his description and figure.) A pyraustid, *Leucinodes* sp., probably *orbonalis* Gn., was intercepted at Philadelphia, Pa., in eggplant in stores from the Gold Coast; *Lixus* sp., probably *junci* Boh., (Curculionidae) at Boston, Mass., in beet in stores from Palestine; a mirid, *Mala* sp., probably a new species, at Laredo, Tex., on a leaf of *Colocasia* sp. in baggage from Mexico; *Megacyllene* sp., near *boliviania* (Chev.) (Cerambycidae) at New York, N. Y., on loosely baled cube root in cargo from Peru; *Midilia* sp. (Schoenobiidae), probably a new species, at Miami, Fla., on philodendron cutting in cargo by air from Colombia; *Niveaspis* sp. (Coccidae), an undescribed species, at Laredo, Tex., on *Laelia* sp. and *Oncidium* sp. in cargo from Mexico; *Cedionychis* sp. (Chrysomelidae), very interesting and not in the collection at the

U. S. National Museum, at Nogales, Ariz., with lettuce in baggage from Mexico; a chrysomelid, *Phyllobrotica* sp. at Seattle, Wash., in soil packing of lily bulbs in cargo from Japan: *Pityogenes* sp., probably *chalcographus* (L.), (Scolytidae) at Seattle, Wash., in bark of a wooden crate in cargo from Czechoslovakia; *Platypus* sp., probably *curtus* Chap., (Platypodidae) at Charleston, S. C., in *Khaya* sp. log in cargo from the Philippines; *Prays* sp. (Hyponomeutidae) at New York, N. Y., in pomelo in stores from Egypt; a coccid, *Pseudaonidia* sp., a new species, at San Francisco, Calif., on *Dendrobium* sp. in air freight from Australia; *Reticulitermes* sp., probably *lucifugus* (Rossi), (Rhinotermitidae) at New York, N. Y., in soil around roots of a potted *Jasminum* sp. plant in baggage from Italy; *Taeniothrips* sp., near or equals *gracilis* Mlt., (Thripidae) at Buffalo, N. Y., on *Lycoris* sp. bulbs in cargo from Japan and at Hoboken, N. J., in mail from Japan; *Thrips* sp., nearest *physapus* L., (Thripidae) at Washington, D. C., on a leaf of *Fragaria* sp. in mail from Sweden, a scolytid, *Xyleborus* sp., near or equals *confusus* Eichh., at Charleston, S. C., in *Copaifera hemitomophylla* log in cargo from Costa Rica

There were 2,178 interceptions distributed among 554 genera, which could be identified to genus only. A total of 116 could be determined to family or subfamily only.

A total of 2,294 incompletely determined insects were intercepted during the year.

DISEASES

Incompletely determined fungi on plants collected at the ports of entry during the year were the following suspected pathogens: An actinomycete causing stem galls of azalea at Seattle, Wash., in express from England; *Ascochyta* sp., at Philadelphia, Pa., on orange in stores from the Union of South Africa; *Ascochyta* sp., at Seattle, Wash., on *Viburnum rhytidophyllum* in cargo from France; *Cercospora* sp. at Brownsville, Tex., on palm fronds and snapdragon in cargo from Mexico, on avocado in stores from Mexico, and on mistletoe in baggage from Mexico; *Cercospora* sp. at Laredo, Tex., on orchids in baggage and cargo from Mexico; *Cercospora* sp., at Miami, Fla., on *Cycnoches chlorochilon*, an orchid, in cargo by air from the Canal Zone; *Cercospora* sp., at New York, N. Y., on croton leaf in baggage by air from the Bahamas; *Cercospora* sp., at San Francisco, Calif., on *Miltonia russelliana*, an orchid, in cargo by air from Brazil; *Cercospora* sp., at San Juan, P. R., on a citrus leaf and on leaves of *Eryngium* sp. in baggage in preflight inspection of planes leaving San Juan for the mainland; *Cercosporella* sp., at Seattle, Wash., on *Primula* sp., in mail from British Columbia; *Ceuthospora* sp., at Hoboken, N. J., on mountain laurel leaves in cargo from the Netherlands; *Curvularia* sp., at San Francisco, Calif., on elephant ear in cargo from China; *Cylindrosporium* sp., at San Francisco, Calif., on dry leaf of *Bambusa* sp. in cargo from China and on tree peony in cargo from Japan; *Endoconidiophora* sp., close to *fimbriata* (Ell. & Hals.) Davidson at San Francisco, Calif., on kudzu-bean in cargo from China; *Erwinia* sp. (undescribed) at New York, N. Y., on endive in cargo from Belgium; *Gymnosporangium* sp., at New York, N. Y., on leaves of *Sorbus aucuparia* in baggage by air from Sweden; *Mycosphaerella* sp. at San Juan, P. R., on citrus leaves in baggage in preflight inspection of an airplane leaving San Juan for the mainland; *Mycosphaerella* sp. at New York, N. Y., on leaves of *Arctostaphylos uva-ursi* (bearberry) in baggage from Finland; *Phytophthora* sp., probably of the *cryptogaea* type, at Hoboken, N. J., on *Incarvillea* sp., in cargo from the Netherlands; *Phytophthora* sp., at Hoboken, N. J., on gloxinia in cargo and air express from Belgium; *Plenodomus* sp., at San Francisco, Calif., on snowdrop bulbs in cargo from the Netherlands; *Pseudomonas* sp. (undescribed) at New York, N. Y., on endive in cargo from Belgium; *Sclerotium* sp., at Buffalo, N. Y., on narcissus bulbs in cargo from the Netherlands; *Sclerotium* sp., at Portland, Oregon, on *Tulipa fosteriana* bulb in cargo from the Netherlands; *Sclerotium* sp., at Seattle, Wash., on taro in cargo from China; *Sclerotium* sp., at Philadelphia, Pa., on *Galanthus* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp., at Hoboken, N. J., on *Iris* sp. in air express from Jordan and on *Urceolina miniata* (scarlet pitcherlily) in mail from the Netherlands; *Sclerotium* sp., at New York, N. Y., on lily bulbs and *Muscari* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp. at San Francisco, Calif., on seeds of Japanese aucuba in mail from Italy, on English iris bulbs in mail from England, on *Euphorbia pulcherrima* in mail from Honduras, and on narcissus bulbs in cargo from the Netherlands; *Septoria* sp., at San Antonio, Tex., on palm leaf in cargo by air from Mexico; *Septoria* sp., at Honolulu, Hawaii, on palm in cargo from Truk; *Sphaceloma* sp., at Baltimore, Md., and Boston, Mass., on lemon in stores from the Union of South Africa; *Sphaceloma* sp., at San Pedro, Calif., on

orange in stores from Curacao; *Uredo* sp., at El Paso, Tex., on *Brassavola* sp., an orchid, in cargo by air from Mexico; *Uredo* sp. at Nogales, Ariz., on an orchid in cargo from Mexico; *Uredo* sp. at Brownsville, Tex., on *Diacrium bilamellatum*, an orchid, in cargo by air from the Canal Zone; *Uredo* sp., at Miami, Fla., on *Masdevallia* sp., an orchid, in cargo by air from Costa Rica; *Verticillium* sp., close to *candidum* Pk., at Hoboken, N. J., on corm of *Acidanthera* sp., in cargo from the Netherlands; *Verticillium* sp., at Philadelphia, Pa., on roots of *Alpinia galanga* in stores from India; *Verticillium* sp., at Houston, Tex., on a begonia tuber in cargo from the Netherlands; *Verticillium* sp., at Seattle, Wash., on *Dendrobium* sp., an orchid, in mail from India and on waterchestnut in cargo from China; *Vertiicllium* sp., at Philadelphia, Pa., on *Lilium* sp. in cargo from the Netherlands.

Nematode interceptions included *Ditylenchus* spp. with lily-of-the-valley pips and various bulbs, including garlic, glory-of-the-snow, colchicum, and iris; *Heterodera* spp. in soil arriving with plants for propagation, vegetables in ships' stores, used bagging, dried roots for pharmaceutical purposes and even Irish shamrocks; *Helicotylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany and in soil with unidentified plants in baggage from Ireland; *Meloidogyne* sp., probably *incognita* (Kofoid & White) Chitwood at Galveston, Tex., in celery in stores from Jamaica, and in carrots in stores from the Azores at Philadelphia, Pa., in beets in stores from Australia, and in soil with potatoes in stores from the Netherlands; *Rotylenchus* sp., at New York, N. Y., in soil with potatoes in stores from Uruguay, in soil with lily-of-the-valley pips in cargo from Germany, and in soil with peony roots in baggage from Poland; *Rotylenchus* sp., at Mobile, Ala., in soil with coleus plants in quarters from Guatemala and in soil with *Aster* sp. in baggage from Germany; *Rotylenchus* sp., at San Francisco, Calif., in roots of *Convallaria majalis* in mail from France; *Tylenchorhynchus* sp., at Nogales, Ariz., in soil with cactus plants in baggage from Mexico; *Tylenchorhynchus* sp., at Mobile, Ala., in soil on an unidentified plant and on sweetpotato plants in baggage by air from Puerto Rico; *Tylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany; *Tylenchus* sp., at Washington, D. C., in soil with roots of lily bulbs in mail from England; *Tylenchus* sp., at Mobile, Ala., in soil with *Aster* sp., in baggage from Germany; *Xiphinema* sp., at New York, N. Y., in soil with citrus plants in baggage from Argentina; one interception which could not be identified beyond family (Tylenchidae) was taken at New York, N. Y., in soil with cactus plants in baggage from Italy.

A total of 1,259 incompletely determined pathogens were recorded during the year.

Graphic summary of interceptions listed in main table and interception totals

Country	Insect	Disease
	Number	*Number*
Africa:		
Africa (locality unknown)	1	1
Algeria	10	0
British West Africa	1	0
Canary Islands	3	0
Egypt	11	0
Ethiopia	2	0
French West Africa (?)	1	0
Gold Coast	10	0
Liberia	1	0
Morocco	4	0
Nigeria	2	2
Union of South Africa	32	17
Asia:		
China	8	321
Cyprus	3	1
Formosa	1	0
India	27	35
Indonesia	1	1
Iraq	1	1
Israel	17	2
Japan	88	184
Korea	3	0
Lebanon*	8	0
Palestine	4	0
Siam	4	3
Straits Settlements	0	3
Syria	3	1
Australasia:		
American Samoa	1	0
Australia	20	13
Caroline Islands	1	0
Ceylon	2	2
Fiji Islands	1	2
Guam	11	10
Hawaii	202	16
Kwajalein	0	2
Marshall Islands	0	11
New Zealand	0	4
Philippines	22	8
Saipan	1	0
Tahiti	1	1
Yap Island	0	1
Europe:		
Austria	3	7
Azores	9	3
Belgium	8	23
Crete	1	0
Czechoslovakia	0	1
Denmark	6	8
England	45	88
Finland	0	1
France	35	10
Germany	37	24
Gibraltar (?)	1	0
Great Britain	1	0
Greece	16	0
Ireland	3	23
Isle of Man	0	2
Italy	477	59
Luxembourg	0	1
Malta	1	0
Netherlands	75	139
Norway	2	7
Poland	2	1
Portugal	29	3
Scotland	8	67
Spain	31	5
Sweden	10	13
Switzerland	8	8
Europe—Continued		
Turkey	1	3
Wales	0	1
Yugoslavia	5	2
North America:		
Bermuda	20	3
Canada	5	3
Canal Zone	51	5
Central America:		
British Honduras	3	0
Colombia	14	1
Costa Rica	27	23
Guatemala	30	8
Honduras	11	4
Nicaragua	8	0
Panama	45	21
Salvador	17	0
Iceland	0	1
Mexico	716	151
West Indes:		
Antigua	2	0
Aruba	2	0
Bahamas	4	4
Barbados	8	0
British West Indies	2	0
Cuba	72	7
Curaco	2	0
Dominican Republic	13	1
Grand Cayman	1	0
Grenada*	1	0
Haiti	9	0
Jamaica	31	0
Montserrat	1	0
Nevis	1	0
Puerto Rico	57	11
St. Kitts	3	0
St. Lucia	2	0
St. Vincent	2	0
Trinidad	28	3
Virgin Islands	6	1
South America:		
Argentina	1	28
Bolivia	0	1
Brazil	27	90
Chile	7	1
Ecuador	15	1
Paraguay	0	1
Peru	4	0
South America	3	0
Uruguay	0	2
Venezuela	32	2
Total:		
Africa	78	20
Asia	168	552
Australasia	262	70
Europe	814	499
North America	1,194	247
South America	89	126
Unknown	9	3
Total	2,614	1,517
Total incompletely determined pests	2,294	1,259
Total insect interceptions	4,908	
Total disease interceptions		2,776
Grand total		7,684

NOTE.—In addition to the countries named above, interceptions were made from American Virgin Islands, Anguilla, Belgian Congo, British Guiana, Burma, Canary Islands, Cape of Good Hope, Cape Verde Islands, French Cameroons, Iran, Jordan, Kenya, Labrador, Leeward Islands, Madeira Islands, Martinique, Mozambique, Natal, Netherlands Guiana, Netherlands West Indies, Newfoundland, Northern Ireland, Nova Scotia, Okinawa, Pakistan, Pretoria, Rhodesia, Sierra Leone, Society Islands, Trust Isles of Pacific, Tunisia, and Truk Island.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acalypta parvula (Fall.) (Tingidae):					
Moss packing around rhododendron scions	England	1			Wash.
Acanthoderes circumflexa Jaq. Dav. (Cerambycidae):					
Cybistax donnell-smithii (primavera)	Honduras	1			N. Y.
Acanthoscelides armitagei (Pic) (Bruchidae):					
Cajanus cajan (pigeonpea)	British West Indies, Canal Zone, Puerto Rico.	4			N. J., N. Y.
Acanthoscelides griseolus (Fall) (Bruchidae):					
Rhynchosia sp.	Mexico			1	D. C.
Acanthoscelides obvelatus Bridw. (Bruchidae):					
Phaseolus vulgaris	Guatemala			1	D. C.
Aceria tulipae (Keif.) (Eriophyidae):					
Allium sativum (garlic)	Chile, Mexico	3	1		Tex.
Achatina fulica Fer. (Mollusca):					
In cargo hold	Guam	1			Calif.*
Returned military equipment	Guam, Philippines, Saipan.	8			Calif.*
Scrap iron	Guam	2			Calif.,* Oreg.
Acrolepia assectella (Zell.) (Hyponomeutidae):					
Allium porrum (leek)	Italy, Netherlands		5		N. Y.
Acroleucus vicinalis Dist. (Lygaeidae):					
Orchid	Mexico			1	Tex.
Adoxophyes orana (F. R.) (Tortricidae):					
Syringa sp. (lilac)	Netherlands	20			N. Y.
Agallia venosa (Fall.) (Cicadellidae):					
Hypericum repens (creeping St. Johnswort)	Switzerland			1	N. J.
Aganactesis indecora Dyar (Galleriidae):					
Cassia fistula (golden-shower)	Brazil	1			N. Y.
Agriotes lineatus L. (Elateridae):					
Soil from potato bin	Denmark		1		Pa.
Aleophagus myersi Essig (Aphidae):					
Aloe sp.	Ethiopia			1	D. C.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (sour lime)	Mexico	8			Tex.
Citrus reticulata (Mandarin orange)	do	3			Tex.
Citrus sinensis (orange)	Mexico, Peru	2	1		Calif.,* Tex.
Citrus sp.	Mexico	3			Tex.
Hibiscus sp.	do			1	Ariz.
Aleurodicus dugessi Ckll. (Aleyrodidae):					
Begonia sp.	do			1	Tex.
Aleuroglandulus emmae Russell (Aleyrodidae):					
Cattleya citrina (orchid)	do			1	Tex.
Psidium guajava (guava)	do	1			Tex.
Aleuroparadoxus gardeniae Russell (Aleyrodidae):					
Citrus sp.	do	1			Tex.
Aleurolobus marlatti (Q.) (Aleyrodidae):					
Citrus reticulata (Mandarin orange)	Japan		1		Calif.*
Aleuroplatus cococolus Q. (Aleyrodidae):					
Citrus sp.	Mexico	1			Tex.
Aleuroplatus plumosus (Q.) (Aleyrodidae):					
Ilex sp. (holly)	do	1			Tex.
Aleurothrixus floccosus (Mask.) (Aleyrodidae):					
Citrus sinensis (orange)	Dominican Republic	1			N. Y.
Citrus sp.	Bahamas	1			Fla.*
Guajacum officinale (lignumvitae)	Jamaica			1	P. R.
Psidium guajava (guava)	Mexico	1			Tex.
Aleurotuberculatus jasmini Takah. (Aleyrodidae):					
Gardenia sp.	China			1	Calif.*
Aleurotuberculatus similis Takah. (Aleyrodidae):					
Camellia japonica (camellia)	Japan			1	N. J.
Allantus cinctus (L.) (Tenthredinidae):					
Malus sylvestris (apple)	England, Germany, Norway.	3			Calif.,* N. Y.
Rosa sp. (rose)	England, Germany	1		1	N. Y.
Alpheias conspirata Hein. (Galleriidae):					
Ananas comosus (pineapple)	Mexico	5			Calif.,* La., Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Amitermes wheeleri (Desn.) (Termitidae):					
Salvia officinalis purpurascens (purple saga)	Mexico	1			Tex.
Anaphothrips obscurus (Muller) (Thripidae):					
Brassica sp	Ireland	1			N. Y.
Anastrepha fraterculus (Wied.) (Tephritidae):					
Citrus sinensis (orange)	Argentina		1		La.
Prunus persica (peach)	Mexico	1			Tex.
Anastrepha ludens (Loew) (Tephritidae):					
Citrus aurantifolia (sweet lime)	do	4			Tex.
Citrus paradisi (grapefruit)	Guatemala, Mexico	3	1		Fla.,* Tex.
Citrus sinensis (orange)	Costa Rica, Guatemala, Mexico, Salvador.	68	14		Ariz., La., S. C., Tex.
Cydonia oblonga (quince)	Mexico	1			Tex.
Mangifera indica (mango)	do	23	4		Calif.,* Tex.
Persea americana (avocado)	do	1			Tex.
Prunus persica (peach)	do	1			Tex.
Psidium guajava (guava)	Nicaragua	1			Calif.*
Punica granatum (pomegranate)	Mexico	1			Tex.
Pyrus communis (pear)	do	7			Tex.
Sapote	do	1			Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Mangifera indica (mango)	Canal Zone, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Salvador, Trinidad.	82	11	1	Ala., Calif.,* Fla.,* La. N. Y., Pa. P. R., S. C., Tex.
Spondias mombin (yellow mombin)	Guatemala, Mexico, Nicaragua, Panama, Salvador.	8	1		Calif.,* La.
Spondias sp	Puerto Rico, Salvador	2			N. Y., Tex.
Anastrepha mombinpraeoptans Sein (?) (Tephritidae):					
Psidium guajava (guava)	Honduras		1		La.
Anastrepha serpentina (Wied.) (Tephritidae):					
Achras zapota (sapodilla)	Guatemala, Nicaragua	3	1		Calif.,* La.
Chrysophyllum cainito (star-apple)	Panama, Salvador	2			La.
Mammea americana (mamey)	Mexico	5			Tex.
Sapote	do	1			Calif.
Anastrepha serpentina (Wied.) (?) (Tephritidae):					
Citrus sinensis (orange)	Peru		1		La.
Anastrepha striata Schiner (Tephritidae):					
Psidium guajava (guava)	Salvador, Trinidad	2			La., P. R.
Anastrepha suspensa (Loew) (Tephritidae):					
Psidium guajava (guava)	Dominican Republic, Jamaica, Puerto Rico.	25			N. Y., P. R.
Ancylostomia stercorea (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Bahamas, Puerto Rico, Trinidad.	5			Fla.,* Md., N. Y., P. R.
Cajanus sp	Canal Zone	1			N. J.
Cicer arietinum (chickpea)	do	1			Fla.*
Anthonomus pomorum (L.) (Curculionidae):					
Malus sylvestris (apple)	Germany	1			N. Y.
Anthonomus scutellaris Lec. (Curculionidae):					
Prunus sp. (wild plum)	Mexico (?)	1			Tex.
Anuraphis cynarae (Theob.) (?) (Aphidae):					
Cynara scolymus (globe artichoke)	Algeria		1		N. Y.
Aonidiella inornata McKenzie (Coccidae):					
Cocos nucifera (coconut)	Philippines		2		Calif.*
Jasminum sambac (Arabian jasmine)	Hawaii			1	Calif.*
Aphis rhamni Fonsc. (?) (Aphidae):					
Ranunculus sp	France		1		N. Y.
Apion apricans Hbst. (Curculionidae):					
Ribes sp	Germany			1	Calif.*
Apion auctum Sharp (?) (Curculionidae):					
Orchid	Guatemala			1	Tex.
Apion carduorum Kby. (Curculionidae):					
Cynara cardunculus (cardoon)	Italy		1		N. Y.
Cynara scolymus (globe artichoke)	France, Italy		2		N. Y., Pa.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Apion pomonae F. (?) (Curculionidae):					
Vicia sativa (vetch)	France	1			Tex.
Apsychomyrmex tristani Menozzi (Formicidae):					
Philodendron sp	Costa Rica			1	Tex.
Arctorthezia cataphracta (Olaf.) (Coccidae):					
Calluna vulgaris (heather)	England	1			Ill.
Arge rosae (L.) (Argidae):					
Rosa sp	Germany	1			N. Y.
Argyroploce leucotreta Meyr. (Olethreutidae):					
Citrus limon (lemon)	Union of South Africa		1		Tex.
Citrus reticulata (Mandarin orange)	do		1		Md.
Citrus sinensis (orange)	do		2		Md., Pa.
Aspidiotus abietus (Schr.) (Coccidae):					
Pinus sylvestris (Scotch pine)	Germany			1	N. Y.
Aspidiotus corticis-pini Ldgr. (Coccidae):					
Pinus sp. (pine)	Japan			1	Calif.*
Aspidiotus coryphae Ckll. & Rob. (Coccidae):					
Cocos nucifera (coconut)	Philippines		2		Calif.*
Aspidiotus destructor Sign. (Coccidae):					
Cocos nucifera (coconut)	Canal Zone, Costa Rica, Mexico, Nigeria, Panama, Philippines.	6	1		Calif.*
Garcinia mangostana (mangosteen)	India	1			N. Y.
Musa paradisiaca (plantain)	Cuba	1			N. Y.
Musa paradisiaca sapientum (banana)	Panama	1			Calif.*
Orchid	Canal Zone			1	Fla.
Persea americana (avocado)	Cuba	2			N. Y.
Aspidiotus excisus Green (Coccidae):					
Cocos nucifera (coconut)	Philippines	1			Calif.*
Aspidiotus herculeanus (Ckll. & Hadd.) (Coccidae):					
Palm	Mexico	1			Calif.*
Aspidiotus pseudomeyeri Kuw. (Coccidae):					
Cedrus sp	Japan			1	Calif.*
Aspiodiotus pyri Light. (Coccidae):					
Malus sylvestris (apple)	Germany	1			Fla.
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bamboo	Barbados	1			P. R.
Asterolecanium epidendri (Bouche) (Coccidae):					
Burlingtonia sp. (orchid)	Trinidad			1	N. J.
Cattleya dowiana (orchid)	Costa Rica			1	Calif.*
Cattleya lueddemanniana (orchid)	Venezuela			1	N. J.
Cattleya sp	British Honduras, Venezuela.			2	N. J., Tex.
Laelia spp. (orchid)	Mexico			1	Calif.*
Leaf—unidentified	do	1			Calif.*
Orchid	Canal Zone, Costa Rica, Cuba, Jamaica, Panama, Venezuela.			10	Fla., Tex., Wash.
Vanda sp. (orchid)	Cuba			1	Calif.*
Asterolecanium miliaris miliaris (Bdv.) (Coccidae):					
Bamboo	Barbados, Cuba	2		1	Mass., P. R., Tex.
Asterolecanium stentae Brain (Coccidae):					
Anacampseros sp	Union of South Africa			1	Calif.*
Asterolecanium truncatum Russell (Coccidae):					
Attalea sp. (palm)	Costa Rica			1	N. J.
Aulacaspis tuberculariis Newst. (Coccidae):					
Mangifera indica (mango)	Barbados, Mexico, Venezuela.	4			N. Y., Tex.
Bostrychoplites cornutus (Oliv.) (Bostrichidae):					
Khaya sp	Union of South Africa	2			La.
Brachycerus albidentatus Gyll. (Curculionidae):					
Allium sativum (garlic)	Italy	17	2		La., Mass., N. Y.
Brachycerus algirus (F.) (Curculionidae):					
Allium sativum	Italy, Spain	12	2		N. Y., Tex.
Brachyrhinus ovatus (L.) (Curculionidae):					
Soil around rose bush	Poland			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Brachyrhinus porcatus (Hbst.) (Curculionidae):					
Soil and moss packing around *Quercus* sp	Switzerland			1	N. J.
Brachyrhinus rugosostriatus (Goeze.) (Curculionidae):					
Soil and moss packing around *Quercus* sp	do			2	N. J.
Soil around *Saxifraga* sp	do			1	N. J.
Brachyrhinus singularis (L.) (Curculionidae):					
Woods moss packing around *Crataegus* spp	Scotland			1	N. J.
Brachyrhinus sulcatus (F.) (Curculionidae):					
Begonia sp	Belgium			1	N. J.
Bruchus ervi Froel. (Bruchidae):					
Allium sativum (garlic)	Italy	1			N. Y.
Bruchus luteicornis Ill. (Bruchidae):					
Vicia angustifolia (narrow leaf vetch)	France	1			Pa.
Vicia sativa (vetch)	France, Germany	2			Tex., Va.
Bruches rufipes Hbst. (Bruchidae):					
Lens culinaris (lentil)	Iraq			1	D. C.
Bruchus signaticornis Gyll. (Bruchidae):					
Lens culinaris	Italy	2			N. Y.
Bruchus tristis Boh. (Bruchidae):					
Vicia sp	Belgium			1	N. J.
Cacoecia pronubana (Hbn.) (Tortricidae):					
Chrysanthemum sp	England		1		N. Y.
Dianthus sp. (carnation)	France	1			N. Y.
Fragaria sp. (strawberry)	Italy			1	N. Y.
Laurus nobilis (Grecian laurel)	England		2		N. Y.
Rosa sp.	Italy			1	N. J.
Callidium aeneum Deg. (Cerambycidae):					
Wood crating	Denmark, Germany, Sweden.	3			Calif.*
Callosobruchus ademptus (Sharp) (Bruchidae):					
Pueraria thunbergiana (kudzu-bean)	Korea			1	D. C.
Callosobruchus phaseoli (Gyll.) (Bruchidae):					
Bean	St. Vincent	1			Mass.
Dolichos lablab (hyacinth-bean)	Philippines			1	Wash.
Capitophorus carduinus (Wlk.) (Aphidae):					
Cirsium sp (thistle)	Canada	1			Minn.
Capitophorus formosanus Takah. (Aphidae):					
Chrysanthemum sp	Japan	1			Wash.
Carbula trisignata (Germar) (Pentatomidae):					
Vitis sp. (grape)	Union of South Africa	2			N. Y.
Carposina sasakii Mats. (Carposinidae):					
Pyrus communis (pear)	China	2			Alaska, Hawaii.
Caryedon fuscus (Goeze) (Bruchidae):					
Cassia javanica (appleblossom senna)	Hawaii			1	D. C.
Tamarindus indica (tamarind)	Jamaica, Philippines	3			Calif.,* Fla.*
Catolethrus ebeninus Champ. (Curculionidae):					
Tillandsia sp	Mexico			1	Tex.
Ceratitis capitata (Wied.) (Tephritidae):					
Annona sp.	Portugal	1			Mass.
Citrus limon (lemon)	Azores, Italy	5			Mass., N. Y.
Citrus paradisi (grapefruit)	Cyprus, Egypt, Gibraltar (?), Israel, Palestine, Spain.		12		Ala., Md., Mass., Mich., N. Y., Pa., S. C., Tex.
Citrus reticulata (Mandarin orange)	Algeria, Azores, Israel, Italy, Portugal, Spain.	9	4		Md., Mass., N.Y., P.R.
Citrus sinensis (orange)	Africa, Algeria, Azores, Cyprus, Greece, Israel, Italy, Lebanon, Malta, Palestine, Portugal, Spain, unknown.	28	26		Mass., N.Y., Pa., Tex., Va.
Coffea sp. (coffee)	Hawaii	1			Calif.*
Cydonia oblonga (quince)	Italy	6			N. Y.
Diospyros sp. (persimmon)	do	3			N. Y.
Ficus carica (fig)	Greece, Italy, Lebanon	10	2		Mass., N. Y.
Malus sylvestris (apple)	Azores, Italy, Portugal	4			N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Ceratitis capitata—Continued					
Opuntia compressa (pricklypear)	Italy	11			Mass., N. Y.
Opuntia sp	do	2			Ill., N. Y.
Persea americana (avocado)	Portugal	1			N. Y.
Prunus armeniaca (apricot)	Greece, Lebanon, Portugal.	2	3		Ill., Mass., N. Y.
Prunus persica (peach)	Azores, France, Italy, Palestine, Portugal, Spain.	11	4		Mass., N. Y.
Prunus persica nectarina (nectarine)	Italy	1			N. Y.
Psidium guajava (guava)	Israel	1			N. Y.
Punica granatum (pomegranate)	Greece, Italy	2			N. Y.
Pyrus communis (pear)	Italy, Portugal, Syria	7	2		Mass., N. Y.
Vitis sp. (grape)	Italy	1			N. Y.
With oranges, grapes, and plums abandoned on pier.	do	1			N. Y.
Ceratitis capitata (Wied.) (?) (Tephritidae):					
Citrus sinensis (orange)	Unknown		1		N. Y.
Prunus domestica (plum)	Italy	1			Mass.
Ceroplastes ceriferus (And.) (Coccidae):					
Camellia japonica (camellia)	Japan		2		Hawaii, N. Y.
Ceroplastes japonicus Green (Coccidae):					
Laurus nobilis (Grecian laurel)	France	1			N. Y.
Ceroplastes rubens Mask. (Coccidae):					
Anthurium sp	Hawaii			2	Calif.*
Chaenomeles sp. (flowering quince)	Japan			1	Calif.*
Crataegus sp	do			1	Calif.*
Diospyros kaki (kaki persimmon)	do			1	Calif.*
Gardenia augusta (gardenia)	Hawaii	1			Calif.*
Grammatophyllum sp. (orchid)	Guam			1	Hawaii.
Ceroplastes rusci (L.) (Coccidae):					
Ficus carica (fig)	Greece, Italy	3		2	Mich., N. Y.
Ceutorhynchus contractus (Marsh) (Curculionidae):					
Woods moss packing around *Crataegus* spp	Scotland			1	N. J.
Woods moss packing around cut flowers	England	1			Ill.
Ceutorhynchus erysimi (F.) (Curculionidae):					
Woods moss packing around cut flowers	do	1			Ill.
Chaetanaphothrips orchidii (Mlt.) (Thripidae):					
Citrus sinensis (orange)	Portugal		1		Mass.
Chalcodermus dentiferus Faust (Curculionidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Chalcophana fervida Suffr. (Chrysomelidae):					
Straw packing	Cuba	1			Fla.*
Chilo simplex (Btlr.) (Crambidae):					
Oryza sativa (rice)	Japan	5	1		Calif.,* N. Y, Oreg., Wash.
"*Chionaspis*" *indigoferae* Hall (Coccidae):					
Ceropegia sp	Union of South Africa			1	Calif.*
Stapelia pedunculata (orchid)	do			1	Calif.*
"*Chionaspis*" *stanotophri* Cooley (Coccidae):					
Asparagus plumosus (fern asparagus)	Egypt	1			Mass.
Chrysomphalus agavis (Towns. & Ckll.) (Coccidae):					
Yucca sp	Mexico	1			Tex.
Chrysomphalus diversicolor Green (Coccidae):					
Orchid	Portugal			1	N. Y.
Chrysomphalus nigropunctatus (Ckll.) (Coccidae):					
Philodendron selloum	Guatemala			1	P. R.
Chrysomphalus nulliporus McKenzie (Coccidae):					
Coelogyne remediosae (orchid)	Philippines			1	Hawaii.
Dendrobium lyonii (orchid)	do			1	Calif.*
Chrysomphalus odontoglossi (Ckll.) (Coccidae):					
Stem—unknown	Jamaica			1	Hawaii.
Chrysomphalus paulistus (Hempel) (Coccidae):					
Laurus nobilis (Grecian laurel)	Brazil		1		N. Y.
Laurus sp	do		1		N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Chrysomphalus personatus (Comst.) (Coccidae):					
Citrus sinensis (orange)	Brazil, Mexico, Trinidad	1	2		Calif.,* Tex.
Cocos nucifera (coconut)	Mexico	1			Calif.*
Laurus nobilis (Grecian laurel)	Brazil		1		N. Y.
Leaf—unknown	Mexico		2		Tex.
Mangifera indica (mango)	do	1			Tex.
Chrysomphalus ritchiei (Green & Laing) (Coccidae):					
Calocarpum sapota (sapote)	Canal Zone		1		Calif.*
Chrysomphalus sphaeroides (Ckll.) (Coccidae):					
Palm	Mexico	1			Tex.
Philodendron sp	do			1	Tex.
Chrysomphalus tenax (McKenzie) (Coccidae):					
Cattleya spp. (orchid)	Guatemala			1	Calif.*
Epidendrum stamfordianum (orchid)	Honduras			1	N. J.
Epidendrum sp	Cuba			1	Calif.*
Orchid	do			1	Calif.*
Philodendron lacerum	Guatemala			1	N. J.
Philodendron sp	Mexico			1	Tex.
Schomburgkia tibicinis (orchid)	Cuba			1	Calif.*
Chrysomphalus tingi (McKenzie) (Coccidae):					
Cocos nucifera (coconut)	Mexico, Philippines	2			Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Anthurium sp	Guatemala			1	Fla.
Cattleya sp. (orchid)	Costa Rica			1	Tex.
Musa paradisiaca sapientum (banana)	Panama	1			Calif.*
Orchid	Canal Zone, Guatemala, Mexico, St. Lucia.			4	Fla., Tex.
Cleogonus armatus Champ. (Curculionidae):					
Orchid	Canal Zone			1	Tex.
Clerada apicornis Sign. (Lygaeidae):					
Orchid	Mexico			1	Tex.
Cnephasia virgaureana (Treits.) (Tortricidae):					
Chrysanthemum maximum	England			1	N. J.
Coccidella americana (Hambl.) (Coccidae):					
Isoloma sp	South America			1	N. J.
Coccotrypes dactyliperda (F.) (Scolytidae):					
Phoenix rupicola (cliff date palm)	India			1	N. J.
Seed—unidentified	Hawaii			1	Calif.*
Coccus viridis (Green) (Coccidae):					
Coffea sp. (coffee)	Cuba	1			Fla.*
Ficus pandurata (fiddleleaf fig)	Puerto Rico			1	Calif.*
Gardenia augusta (gardenia)	Cuba, Guatemala, Hawaii, Venezuela.	32	2	1	Calif.,* Fla., Fla.,*N.Y.
Ixora macrothyrsa (Malay ixora)	Panama	1			N. Y.
Coeliodes rubicundus Hbst. (Curculionidae):					
Rhododendron sp	England			1	Wash.
Conchaspis angraeci Ckll. (Coccidae):					
Epidendrum sp. (orchid)	Mexico			1	Tex.
Hibiscus sp	Bermuda	2		1	N. Y.
Oncidium ampliatum (orchid)	Canal Zone			1	Tex.
Orchid	Canal Zone, Cuba, Mexico.			4	Fla., N ., Tex.
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	Mexico	154			Tex.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	do	3			Tex.
Cordylomera spinicornis (F.) (Cerambycidae):					
Khaya sp	Nigeria	1			Pa.
Log	Gold Coast	2			Va.
Cosmopolites sordidus (Germ.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	Nicaragua	1			Fla.*
Cryptoblabes gnidiella (Mill.) (Phycitidae):					
Branch—unknown	Bermuda	1			Va.
Citrus limon (lemon)	Italy	1	1		N. Y., Pa
Citrus sinensis (orange)	Italy, Spain	1	1		N. Y., Va.
Cycadaceae	Bermuda	1			N. Y.
Malus sylvestris (apple)	Portugal		1		Mass.
Plant—unknown	Egypt			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cryptoblabes gnidiella—Continued.					
Punica granatum (pomegranate)	Greece, Italy, Lebanon, Palestine.	11			Mass., N. Y.
Vitis sp. (grape)	Italy, Spain	1	1		N. Y., P. R.
Cryptorhynchus mangiferae F. (Curculionidae):					
Mangifera indica (mango)	Hawaii, India	18	7	2	Calif.,*N.Y.
Curculio elephas (Gyll.) (Curculionidae):					
Castanea sp. (chestnut)	Azores, France, Italy, Portugal, Spain, Turkey, Yugoslavia.	101	1	1	D. C., Ill., Mass., N. Y., Pa.
Curculio nucum L. (Curculionidae):					
Corylus avellana (filbert)	Germany, Italy	3			Mass., N. Y.
Cylas femoralis Faust (Curculionidae):					
Ipomoea batatas (sweetpotato)	Liberia	1			Va.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Virgin Islands.	25	5		Fla.,* La., N. Y., P. R., S. C., Tex.
Cyrtopeltis varians (Dist.) (Miridae):					
Antirrhinum majus (snapdragon)	Bermuda	1			N. Y.
Dacus cucurbitae (Coq.) (Tephritidae):					
Cucumis sativus (cucumber)	Hawaii	1	1		Calif.*
Lycopersicon esculentum (tomato)	do		8		Ala., Calif.,* Oreg.
Dacus cucurbitae (Coq.) (?) (Tephritidae):					
Cucumis sativus (cucumber)	do		1		Wash.
Dacus dorsalis Hend. (Tephritidae):					
Cucumis sativus (cucumber)	do	1			Calif.*
Lycopersicon esculentum (tomato)	do		2		Calif.*
Mangifera indica (mango)	do	3			Calif.*
Musa paradisiaca sapientum (banana)	do	1	4		Calif.*
Persea americana (avocado)	do	1			Calif.*
Dacus dorsalis Hend. (?) (Tephritidae):					
Mangifera indica (mango)	Fiji Islands		1		Hawaii.
Musa paradisiaca sapientum (banana)	Hawaii	1			Calif.*
Ochrosia elliptica	do	1			Calif.*
Dacus oleae (Gmel.) (Tephritidae):					
Olea europaea (olive)	Crete, Greece, Italy, Lebanon, Syria.	45	2		Ill., La., Mass., N. Y., Tex
Dacus oleae (Gmel.) (?) (Tephritidae):					
Olea europaea (olive)	Algeria		1		Tex.
Dendroctonus mexicanus Hopk. (Scolytidae):					
Pinus montezumae (Montezuma pine)	Mexico			1	Calif.*
Pinus pseudostrobus	do			1	Calif.*
Deroceras reticulatum (Muller) (Mollusca):					
Apium graveolens (celery)	Bermuda		1		N. Y.
Brassica oleracea capitata (cabbage)	Italy		1		Tex.
Cattleya sp. (orchid)	Venezuela			1	Fla.
Chrysanthemum sp.	England			1	N. Y.
Plant—unknown	Italy	1			N. Y.
Dialeurodes chittendeni Laing (Aleyrodidae):					
Rhododendron sp.	Netherlands			1	N. J.
Dialeurodes citri (Ashm.) (Aleyrodidae):					
Citrus sp.	Mexico	2			Tex.
Gardenia augusta (gardenia)	Hawaii, Mexico	2			Calif.,* Tex.
Dialeurodes citrifolii (Morg.) (Aleyrodidae):					
Citrus sp.	Bahamas	1			Fla.*
Gardenia augusta (gardenia)	Costa Rica			1	Fla.
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae):					
Gardenia sp.	China			1	Calif.*
Jasminum sambac (Arabian jasmine)	Hawaii, Philippines			2	Calif.*
Diatraea busckella Dyar & Hein. (Crambidae):					
Saccharum officinarum (sugarcane)	Venezuela	1			N. Y.
Dicyphus annulatus (Wolff) (Miridae):					
Lactuca sativa (lettuce)	Sweden		1		N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Dinoderus bifoveolatus (Woll.) (Bostrichidae):					
Derris sp.	Brazil	1			N. Y.
Lonchocarpus sp	do	1			N. Y.
Palm mats	Gold Coast		1		Tex.
Phoenix dactylifera (date)	China	1			N. Y.
Dinoderus brevis (Horn) (Bostrichidae):					
Bamboo	India, Japan	2			Va.
Diorymerellus laevimargo Champ. (Curculionidae):					
Orchid	Mexico			7	Tex.
Draeculacephala lenticula Ball (Cicadellidae):					
Copaifera hemitomophylla ("cativo")	Costa Rica	2			S. C.
Draeculacephala minerva Ball (Cicadellidae):					
Lactuca sativa (lettuce)	Mexico	1			Ariz.
Drymus assimilis Horvath (Lygaeidae):					
Moss packing around rhododendron scions	England			1	Wash.
Dryocoetes autographus (Ratz.) (Scolytidae):					
Pinus sp. (pine)	Germany	1			N. Y.
Dryocoetes septentrionis (Mann.) (Scolytidae):					
Pinus sp. (pine)	Canada		1		Tex.
Dryophthorus pusillus Sharp (Curculionidae):					
Fern log	Hawaii	1			Wash.
Dysdercus mimulus Hussey (Pyrrhocoridae):					
Gardenia augusta (gardenia)	Mexico	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Palm	do	1			Tex.
Dyspessa ulula (Bkh.) (Cossidae):					
Allium sativum (galic)	Italy	7			N. Y.
Epicaerus cognatus Sharp (Curculionidae):					
Solanum tuberosum (potato)	Mexico	2	2		Tex.
Epidiaspis piricola (del Guer.) (Coccidae):					
Malus sylvestris (apple)	France		1		N. Y.
Prunus domestica (plum)	Yugoslavia			1	D. C.
Prunus persica nectarina (nectarine)	Chile	1			N. Y.
Epinotia opposita Hein. (Olethreutidae):					
Phaseolus vulgaris var. (string bean)	Mexico, Peru	18	2		La., Tex.
Epinotia tessulatana (Stgr.) (Olethreutidae):					
Cupressus lusitanica (Portuguese cypress)	Portugal	1			N. Y.
Ereunetis flavistriata Wlsm. (Tineidae):					
Cocos nucifera (coconut)	Hawaii	1			Hawaii.
Ethmia festiva Busck (Ethmiidae):					
Cabin of airplane	Mexico		1		Tex.
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia augusta (gardenia)	do	1			Tex.
Euetheola bidentata (Burm.) (Scarabaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Euphilippia olivina Berl. & Silv. (Coccidae):					
Olea europaea (olive)	Italy	1			Mass.
Euphyllura olivina (Costa) (Psyllidae):					
Olea europaea (olive)	do	1			N. Y.
Eurythmia santiagella Dyar (Phycitidae):					
Ananas comosus (pineapple)	Cuba	1			N. Y.
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya sp. (orchid)	Brazil, Colombia, Trinidad, Venezuela.			14	Fla., N. J.
Orchid	Colombia, Venezuela			7	Fla.
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, Hawaii, Trinidad, Virgin Islands.	2	6		Ala., Ga., La., Md., N. Y., P. R.
Everes comyntas (Godart) (Lycaenidae):					
Phaseolus vulgaris var. (string bean)	Mexico	4			Tex.
Evergestis forficalis (L.) (Pyraustidae):					
Brassica oleracea acephala (kale)	Ireland			1	N. Y.
Brassica oleracea botrytis (cauliflower)	Netherlands		1		N. Y.
Brassica oleracea capitata (cabbage)	France		1		N. Y.
Evergestis rimosalis (Gn.) (Pyraustidae):					
Rorippa nasturtium aquaticum (watercress)	Mexico	1			Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Exophthalmus laetus (Oliv.) (Curculionidae):					
Gladiolus sp	Haiti	1			P. R.
Exophthalmus roseipes (Chev.) (Curculionidae):					
Citrus sp	Puerto Rico	1			N. Y.
Exosoma lusitanica L. (Chrysomelidae):					
Muscari comosum (cipollino)	Morocco	3			Pa.
Exptochiomera albomaculata (Dist.) (Lygaeidae):					
Acacia farnesiana (huisache)	Mexico	1			Tex.
Ananas comosus (pineapple)	do	2			Tex.
Nerium oleander (oleander)	do	1			Tex.
Orchid	Colombia			1	Fla.
Persea americana (avocado)	Mexico	2			Tex.
Ferrisiana virgata (Ckll.) (Coccidae):					
Cocos nucifera (coconut)	do	1			Calif.*
Delonix regia (royal poinciana)	do			1	Calif.*
Gardenia augusta (gardenia)	Guatemala		1		Fla.*
Plant—unknown	Guam			1	Calif.*
Filippia oleae (Costa) (Coccidae):					
Olea europaea (olive)	Italy	2			N. Y.
Fiorinia nephelii Mask. (Coccidae):					
Melicocca bijuga (mamonchillo)	Cuba	1			N. Y.
Frankliniella cubensis Hood (Thripidae):					
Bryophyllum sp	Bermuda	1			N. Y.
Coriandrum sativum (coriander)	Puerto Rico	1			N. Y.
Eranthemum nervosum	Bermuda	1			N. Y.
Hibiscus sp	do	1			N. Y.
Lilium sp	do	1			N. Y.
Passiflora sp (passionflower)	do		1		N. Y.
Fundella pellucens (Zell.) (Phycitidae):					
Phaseolus vulgaris var. (string bean)	Cuba		1		Fla.*
Furcaspis biformis (Ckll.) (Coccidae):					
Cattleya trianae (orchid)	Hawaii			1	Calif.*
Cattleya sp	Hawaii, South America, Venezuela.			7	Calif.,* N.J.
Epidendrum atropurpureum (orchid)	Canal Zone			2	N. J., Tex.
Epidendrum sp	Canal Zone, Cuba, Honduras.			3	Calif.,* N. J.
Oncidium ampliatum (orchid)	Ceylon			1	N. J.
Oncidium carthaginense	Canal Zone			1	N. J.
Oncidium sp	Ceylon, Dominican Republic, Guatemala.			3	Calif.,* Fla., N. J.
Orchid	Canal Zone, Colombia, Cuba, Hawaii, Mexico, Panama, Trinidad, Venezuela.			26	Calif.,* Fla., N. Y., P. R., Tex.
Orchis sp. (orchid)	Canal Zone			1	N. J.
Palm	Mexico	3			Tex.
Vanda sp. (orchid)	Hawaii			2	Calif.*
Gargaphia patricia Stal (Tingidae):					
Myrtillocactus geometrizans (cactus)	Mexico			1	Tex.
Gelechia ericetella (Hbn.) (Gelechiidae):					
Calluna vulgaris (heather)	England, Scotland	3			Ill., N. Y.
Genopaschia protomis Dyar (?) (Galleriidae):					
Ananas comosus (pineapple)	Grenada, Montserrat	1	1		Mass., N. Y.
Genuchinus v-notatus Westw. (Scarabaeidae):					
Orchid	Mexico			1	Tex.
Gerstaeckeria mutillaria (Gerst.) (Curculionidae):					
Cactus	do			1	Tex.
Mammillaria applanta (cactus)	do			1	Tex.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum frutescens (pepper)	do	5			Ariz.
Capsicum frutescens grossum (bell pepper)	do	5			Ariz.
Gortyna flavago (Hbn.) (Phalaenidae):					
Dahlia sp	Norway			1	N. Y.
Sorghum vulgare technicum (broomcorn)	Italy (?)	1			Fla.*
Tuber—unknown	Greece			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Gracilaria azaleella Brants (Gracilariidae):					
Rhododendron japonicum (Japanese azalea)	Netherlands			4	N. J.
Rhododendron sp	Belgium, England, Japan, Netherlands.			8	N. J., Wash.
Grapholitha molesta (Busck) (Olethreutidae):					
Prunus persica (peach)	Japan	1			Alaska.
Pyrus communis (pear)	do	1			Wash.
Grapholitha packardi Zell. (Olethreutidae):					
Cydonia oblonga (quince)	Mexico	1			Tex.
Gymnandrosoma aurantianum DaCosta Lima (Olethreutidae):					
Citrus sinensis (orange)	Brazil		1		Pa.
Gynaikothrips ficorum (Marchal) (Phlaeothripidae):					
Ficus sp	Cuba	1			Fla.*
Haplothrips bagnalli Priesn. (Phlaeothripidae):					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	2			N. Y., Pa.
Haplothrips gowdeyi (Frankl.) (Phlaeothripidae):					
Antirrhinum majus (snapdragon)	Haiti	1			P. R.
Calotropis gigantea (akund calotrope)	Hawaii	2			Calif.*
Canavalia sp	do	1			Calif.*
Daucus carota (Queen-Annes-lace)	Haiti	1			P. R.
Dianthus sp	Hawaii	1			Calif.*
Flowers—unknown	Haiti	1			P. R.
Helichrysum bracteatum (strawflower)	Cuba	1			Fla.*
Lathyrus odoratus (sweet pea)	Unknown		1		Tex.
Mesembryanthemum sp	Hawaii	1			Calif.*
Tagetes florida (marigold)	India		1		N. Y.
Haplothrips gowdeyi (Frankl.) (?) (Phlaeothripidae):					
Begonia nitida	Bermuda	1			N. Y.
Hemileuca oliviae Ckll. (Saturniidae):					
Cactus	Mexico			1	Ariz.
Hemimene juliana (Curt.) (Olethreutidae):					
Castanea sp. (chestnut)	Italy	1			N. Y.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Herb	Cuba	1			Tex.
Heterobostrychus brunneus (Murray) (Bostrichidae):					
Khaya sp	Union of South Africa	2			La.
Triplochiton scleroxylon	Gold Coast	5			La.
Heteropsylla texana Crawf. (Psyllidae):					
Cyptostegia sp	Mexico	1			Ariz.
Homotoma ficus (L.) (Psyllidae):					
Ficus carica (fig)	Italy	1			Mass
Hoplosternus japonicus Har. (Scarabaeidae):					
Cabin of airplane	Japan (?)		1		Alaska.
Hyadaphis apii Hall (Aphidae):					
Apium graveolens (celery)	Algeria		1		Tex.
Hylurgops palliatus (Gyll.) (Scolytidae):					
Picea sp. (spruce)	Sweden	1			N. Y.
Pinus sp. (pine)	Germany	1			La.
Wooden crate	do	1			La.
Hypera nigrirostris F. (Curculionidae):					
Heuchers sp. (alumroot)	Poland			1	N. Y.
Soil around plants	England			1	N. J.
Woods moss	Belgium			1	N. J.
Hypera plantaginis (Deg.) (?) (Curculionidae):					
Moss packing around rhododendrons	England			1	Wash.
Hypera postica (Gyll.) (Curculionidae):					
Trifolium repens var. (shamrock)	Ireland	1			N. Y.
Woods moss around *Ribes* sp. plants	Denmark			1	N. J.
Icerya aegyptiaca (Dougl.) (Coccidae):					
Grevillea sp	American Samoa		1		Calif.*
Ips acuminatus (Gyll.) (Scolytidae):					
Bark on dunnage lumber	Sweden		1		Ala.
Iridomyrmex humilis Mayr (Formicidae):					
Cynara scolymus (globe artichoke)	Italy	1			N. Y.
Ficus carica (fig)	do	1			N. Y.
Nerium oleander (oleander)	Bermuda	1			N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Iridomyrmex iniquus Mayr (Formicidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Philodendron sp	Colombia			1	Fla.
Iridomyrmex itoi abbotti Whlr. (Formicidae):					
Prunus cerasus (sour cherry)	Japan			1	Calif.*
Lampetia equestris (F.) (Syrphidae):					
Leucojum vernum (spring snowflake)	Netherlands			1	N. Y.
Narcissus sp	Germany, Italy, Netherlands, Scotland.	1		28	Calif.,* Ill., La., Mass., Minn., N.J.,N.Y., Pa., Tex.
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa			1	Calif.*
Lampides boeticus (L.) (Lycaenidae):					
Cajanus cajan (pigeonpea)	Hawaii	1	1		Calif.,* Mass.
Canavalia sp	do	21	1		Calif.*
Lampides boeticus (L.) (?) (Lycaenidae):					
Phaseolus vulgaris var. (string bean)	Canary Islands		3		La.
Laphygma exempta (Wlk.) (Phalaenidae):					
Airplane	Japan, Wake (?)		2		Hawaii.
Laspeyresia juliana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Italy	1			N. Y.
Laspeyresia nigricana (Stph.) (Olethreutidae):					
Pisum sativum (pea)	Portugal		1		Ala.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Azores, England, France, Italy, Portugal, Spain, Yugoslavia.	81	2		Fla.,* Mass., N. Y., Pa.
Laspeyresia strobilella (L.) (Olethreutidae):					
Abies sp. (fir)	Germany			2	N. Y.
Picea sp. (spruce)	do	2			N. Y.
Lecaniodiaspis dendrobii (Dougl.) (Coccidae):					
Orchid	Guatemala, Mexico			2	Tex.
Lecanium coryli (L.) (Coccidae):					
Prunus armeniaca (apricot)	Greece			1	D. C.
Tilia chinensis	Denmark			1	N. J.
Leperisinus fraxini (Panz.) (Scolytidae):					
Ulmus sp. (?)	England	1			Calif.*
Lepidosaphes carinata (Ckll.) (Coccidae):					
Philodendron sp	Mexico			1	Fla.
Lepidosaphes celtis Kuw. (Coccidae):					
Plant—unknown	Japan			1	Calif.*
Lepidosaphes conchiformis (Gmel.) (Coccidae):					
Diospyros kaki (kaki persimmon)	do			1	D. C.
Malus sylvestris (apple)	Korea	1			Wash.
Lepidosaphes ficus Sign. (Coccidae):					
Ficus carica (fig)	Italy, Morocco	1		2	D. C., N. Y.
Ficus pandurata (fiddleleaf fig)	Puerto Rico			1	Calif.*
Ficus sp	Italy			1	Calif.*
Lepidosaphes kuwacola Kuw. (Coccidae):					
Paeonia suffruticosa (tree peony)	Japan			1	Calif.*
Lepidosaphes mcgregori Banks (Coccidae):					
Cocos nucifera (coconut)	India	1			Calif.*
Palm	Philippines			1	Fla.
Lepidosaphes pallida (Green) (Coccidae):					
Cupressus sp. (cyprus)	Japan			2	Calif.*
Juniperus sp.	do			2	Calif.*
Thuja sp	do			1	Calif.*
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Lemaireocereus pruinosus (cactus)	Mexico			1	Calif.*
Myrtillocactus geometrizans (cactus)	do			1	Ariz.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Codiaeum variegatum (croton)	Canal Zone, Hawaii	2		16	Calif., *Tex.
Lepidosaphes tuberculata Malen. (Coccidae):					
Coelogyne corymbosa (orchid)	India			1	N. J.
Cymbidium grandiflorum (orchid)	do			1	N. J.
Cymbidium tracyanum	do			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Lepidosaphes tuberculata—Continued.					
Cymbidium sp.	Australia, Belgium, England, India.			22	Calif.,* Hawaii, N. J.
Leptoglossus chilensis Spinola (Coreidae):					
Vitis sp. (grape)	Chile	2			N. Y.
Leptophobia aripa (Bdv.) (Pieridae):					
Brassica oleracea botrytis (cauliflower)	Mexico		1		N. Y.
Leucaspis candida (Targ.) (Coccidae):					
Casuarina sp. (Australian pine)	Greece	1			Ill.
Leucaspis cockerelli (de Charmoy) (Coccidae):					
Citrus aurantifolia (sour lime)	Canal Zone, Colombia, Costa Rica.	1	5		Calif.*
Citrus aurantium (sour orange) (?)	Canal Zone	1			Calif.*
Citrus limon (lemon)	Panama		1		Calif.*
Citrus paradisi (grapefruit)	Jamaica, Panama		2		Calif.*
Citrus reticulata (Mandarin orange)	Salvador	1			Calif.*
Citrus sinensis (orange)	Canal Zone, Jamaica, Panama.		6		Calif.*
Citrus sp.	Salvador	1			Calif.*
Leucaspis loewi (Colvee) (Coccidae):					
Casuarina sp. (Australian pine)	Greece	1			Ill.
Pinus sylvestris (Scotch pine)	Germany	1		1	N. J., N. Y.
Pinus sp.	Austria, Germany, Netherlands.	3			Mass., N.Y.
Lichtensia lutea Ckll. (Coccidae):					
Carica papaya (papaya)	Mexico	1			Ariz.
Ligyrocoris auriviliana (Dist.) (Lygaeidae):					
Celosia cristata (cockscomb)	do	1			Tex.
Lilioceris lilii (Scop.) (Chrysomelidae):					
Lilium candidum (Madonna lily)	France			1	N. Y.
Lilium sp.	do			1	N. Y.
Lineaspis striata (Newst.) (Coccidae):					
Cedrus libani (cedar-of-Lebanon)	Israel	1			N. Y.
Lineodes integra (Zell.) (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	2			Tex.
Liosomaphis berberidis (Kltb.) (Aphidae):					
Berberis gagnepaini (black barberry)	Netherlands			1	N. J.
Liriomyza congesta (Beck.) (Agromyzidae):					
Lathyrus odoratus (sweet pea)	Bermuda	1			Mass.
Lixus junci Boh. (Curculionidae):					
Beta vulgaris (beet)	Egypt		1		Md.
Lochmaea capreae (L.) (Chrysomelidae):					
Calluna vulgaris (heather)	Scotland	1			N. Y.
Lozostege similalis (Guen.) (Pyraustidae):					
Daucus carota (carrot)	Mexico	1			Tex.
Lygaeus circulinitus Dist. (Lygaeidae):					
Orchid	do			1	Tex.
Lygaeus circumplicatus Dist. (Lygaeidae):					
Orchid	do			2	Tex.
Lygus campestris (L.) (Miridae):					
Cornus alba (tatarian dogwood)	Netherlands			1	N. J.
Lygus lucorum (Meyer-Dür) (Miridae):					
Brassica chinensis (Chinese cabbage)	England		1		N. Y.
Malocampa punctata (Cram.) (Notodonidae):					
Orchid	Mexico			1	Ariz.
Mamestra brassicae (L.) (Phalaenidae):					
Brassica oleracea botrytis (cauliflower)	England, France, Netherlands.		4		N. Y., Tex.
Brassica oleracea capitata (cabbage)	France, Italy		4		N. Y.
Daucus carota (carrot)	England, France		2		N. Y.
Maruca testulalis (Geyer) (Pyraustidae):					
Airplane	Japan		1		Alaska.
Cajanus cajan (pigeonpea)	Hawaii, Puerto Rico	3			Fla., Hawaii, N. Y.
Canavalia sp.	Hawaii	15			Calif.*
Phaseolus lunatus macrocarpus (lima bean)	Cuba	2			N. Y.
Phaseolus vulgaris var. (string bean)	Brazil, Hawaii, Puerto Rico, Trinidad.	5	3		Ala., Calif.,* La., Md., N.Y.,P.R.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Masonaphis rhododendri (Wils.) (Aphidae): *Rhododendron* sp	Netherlands			1	N. J.
Megalometis chiliensis Boh. (Curculionidae): *Vitis* sp. (grape)	Chile	1			N. Y.
Megalopyge krugii (Dewitz) (Megalopygidae): Herb	Curacao	1			N. Y.
Megastigmus pistaciae Wlk. (Torymidae): *Pistacia* sp. (pistache)	Italy	1			N. Y.
Mertila malayensis Dist. (Miridae): *Grammatophyllum speciosum* (orchid)	Philippines			1	Hawaii.
Metamasius sericeus (Oliv.) (Curculionidae): *Musa paradisiaca sapientum* (banana)	Costa Rica, Ecuador, Honduras, Panama, Puerto Rico.	46			Calif.,* La., N. Y., Pa., S. C.
Metamasius sericeus carbonarius (Cher.) (Curculionidae): *Musa paradisiaca sapientum* (banana)	Guatemala	1			La.
Metopoplax ditomoides (Costa) (Lygaeidae): Bark	Portugal	1			Va.
Micrapate labialis Lesne (Bostrichidae): Bamboo	Mexico	1			Ariz.
Microleon longipalpis Butl. (Limacodidae): *Alnus* sp. (alder)	Japan			1	Wash.
Microplax plagiatus (Fieber) (Lygaeidae): Bark	Portugal	1			Va.
Mimosestes dominicana (Jek.) (Bruchidae): *Caesalpinia* sp	Haiti	1			Md.
Monanthia echii (Schrank) (Tingidae): *Malus sylvestris* (apple)	Syria	1			N. Y.
Monellia costalis (Fitch) (Aphidae): *Juglans* sp. (walnut)	Mexico	1			Tex.
Monomorium destructor (Jerd.) (Formicidae): *Brassica oleracea capitata* (cabbage)	Jamaica		1		S. C.
Dioscorea sp. (yam)	St. Kitts	1			Mass.
Soil around camellia plants	Japan		1		Tex.
Tamarindus indica (tamarind)	Indonesia		1		Tex.
Vanda caerulea (orchid)	India, Siam			2	Calif.,* N.J.
Moodna bisinuella Hamp. (Phycitidae): *Zea mays* (corn)	Mexico	1			Tex.
Mordellistena cattleyana Champ. (Mordellidae): *Cattleya* sp. (orchid)	Colombia			1	Fla.
Orchid	...do			1	Fla.
Morganella longispina (Morg.) (Coccidae): *Citrus limon* (lemon)	Union of South Africa		1		Calif.*
Mammea americana (mamey)	Guatemala		1		Calif.*
Nerium oleander (oleander)	Bermuda			1	N. Y.
Mormidea collaris Dallas (Pentatomidae): Orchid	Mexico			1	Tex.
Myelois ceratoniae Zell. (Phycitidae): *Punica granatum* (pomegranate)	Italy	2			N. Y.
Tamarindus indica (tamarind)	Jamaica	1			Fla.*
Myrmica laevinodis Nyl. (Formicidae): *Chrysanthemum maximum* (shasta daisy)	England			1	N. J.
Myzocallis caryaefoliae (Davis) (Aphidae): *Juglans* sp. (walnut)	Mexico	1			Tex.
Nasutitermes fulviceps (Silvestri) (Termitidae): Log	Brazil	1			N. Y.
Nasutitermes luzonicus (Oshima) (Termitidae): Truck bed	Philippines	1			Calif.*
Naupactus xanthographus (Germ.) (Curculionidae): Packing around melons	Chile	1			N. Y.
Nematus bergmanni Dahlb. (Tenthredinidae): *Rhododendron* sp	Netherlands			1	N. J.
Nemotois violellus Zell. (?) (Adelidae): *Gentiana* sp	Austria	1			N. Y.
Neoclytus cacicus Chevr. (Cerambycidae): *Guajacum officinale* (lignumvitae)	Guatemala	1			Calif.*
Neoleucinodes elegantalis (Guen.) (Pyraustidae): *Lycopersicon esculentum* (tomato)	Mexico	66			Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Newsteadia floccosa (Deg.) (Coccidae):					
Rhododendron sp.	England			1	Wash.
Nilotaspis halli (Green) (Coccidae):					
Prunus armeniaca (apricot)	Greece			1	D. C.
Noropsis hieroglyphica (Cram.) (Phalaenidae):					
Ananas comosus (pineapple)	Mexico	2			Tex.
Notochilus damryi Puton (Lygaeidae):					
Ilex sp. (holly)	Italy			1	N. Y.
Nysius terrestris Usinger (Lygaeidae):					
Orchid	Hawaii	1			Calif.*
Oligotrophus betulae (Winn.) (Itonididae):					
Betula sp. (birch)	England			1	Wash.
Orobitis cyaneus (L.) (Curculionidae):					
Moss packing around rhododendron plants	do			1	Wash.
Orthezia praelonga Dougl. (Coccidae):					
Bougainvillea sp.	Virgin Islands			1	D. C.
Gardenia augusta (gardenia)	Trinidad	1			N. Y.
Ortheziola signoreti (Haller) (Coccidae):					
Moss packing	England			2	Wash.
Orthochaetes setiger (Beck.) (Curculionidae):					
Moss packing around rhododendron cuttings	do			1	Wash.
Orthodes melanops Dyar (Phalaenidae):					
Bromeliad	Mexico			1	Tex.
Orthotylus ericetorum (Fall.) (Miridae):					
Calluna vulgaris (heather)	Scotland	1			Pa.
Oxythyrea funsta (Poda) (Scarabaeidae):					
With roses, lilies, and daisies	France (?)	1			Mass.
Ozophora consanguinea (Dist.) (Lygaeidae):					
Airplane	Mexico		1		Tex.
Pachyzancla bipunctalis (F.) (Pyraustidae):					
Beta vulgaris (beet)	do	1			Tex.
Brassica oleracea capitata (cabbage)	Haiti		1		P. R.
Pachyzancla periusalis (Wlk.) (Pyraustidae):					
Leaf—unknown	Puerto Rico	1			N. Y.
Palaeopus costicollis Mshll. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Jamaica, Trinidad		2		Ala., Md.
Zingiber officinale (ginger)	British West Indies, Jamaica.	2			N. Y.
Pantomorus godmani (Crotch) (Curculionidae):					
Acacia australis	Australia			1	Calif.*
Daisy	Mexico	1			Tex.
Paraleyrodes goyabae (Goeld.) (Aleyrodidae):					
Guajacum officinale (lignumvitae)	Jamaica			1	P. R.
Paratuto taraktogeni Rao (Coccidae):					
Curcuma sp.	India			1	N. J.
Hedychium sp. (gingerlily)	do			1	N. J.
Parlatoria camelliae Comst. (Coccidae):					
Camellia japonica (camellia)	Italy, Japan		1	5	Calif.,* Fla., N. J., Tex.
Camellia sasanqua (sasanqua tea)	Japan			3	Calif.*
Camellia sp.	China, Japan			8	Calif.*
Parlatoria cinerea Hadden (Coccidae):					
Citrus aurantifolia (sour lime)	Mexico, Tahiti		3		Calif.*
Citrus limon (lemon)	Brazil		1		Calif.*
Citrus paradisi (grapefruit)	Brazil, Israel		3		Calif.*
Citrus sinensis (orange)	Brazil, Curacao (?), Trinidad.		4		Calif.,* Fla.*
Jasminum sambac (Arabian jasmine)	Mexico		1		Calif.*
Parlatoria crotonis Dougl. (Coccidae):					
Codiaeum variegatum (croton)	Hawaii	1		5	Calif.*
Parlatoria oleae (Colvee) (Coccidae):					
Diospyros sp. (persimmon)	Italy	1			N. Y.
Malus sylvestris (apple)	do	1			N. Y.
Olea europaea (olive)	Greece, Italy	2		1	D. C., Mass. N. Y.
Olea sp.	Switzerland (?)			1	Calif.*
Prunus armeniaca (apricot)	Egypt, Greece			2	D. C.
Prunus domestica (plum)	Italy	1			N. Y.
Rosa sp.	do			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Parlatoria pseudaspidiotus Ldgr. (Coccidae):					
Cattleya sp. (orchid)	Formosa			1	Calif.*
Cypripedium callosum (orchid)	Siam			1	Calif.*
Cypripedium philippinense	do			1	Calif.*
Orchid	Canal Zone, Hawaii, Siam.			3	Calif.,* Fla. Fla.*
Parlatoria zizyphus (Lucas) (Coccidae):					
Citrus aurantifolia (sour lime)	Australia (?)		1		Calif.*
Citrus limon (lemon)	Italy		3		Calif.*
Citrus paradisi (grapefruit)	French West Africa (?)		1		Mass.
Citrus reticulata (Mandarin orange)	China	1			Calif.*
Citrus sinensis (orange)	Algeria, Aruba, Spain		7		Calif.,*Fla.,* Mass., Pa. Tex.
Herb	France	1			Pa.
Parmena balteus (L.) (Cerambycidae):					
Allium sativum (garlic)	Italy	1			N. Y.
Parthenothrips dracaena (Heeger) (Thripidae):					
Anthurium sp.	Hawaii			1	Wash.
Pectinophora gossypiella (Saund.) (Gelechiidae):					
Gossypium sp. (cotton; boll)	Bahamas, British West Africa, Hawaii, Italy, Mexico.	10			Calif.,*Fla., N. Y., Tex.
Gossypium sp. (cottonseed)	Brazil, Egypt, India, Korea, Mexico, Puerto Rico.	17	3	1	Md., N. J., N. Y., Pa. P. R., Tex. Va., Wash.
Gossypium sp. (seed cotton)	Mexico, unknown	24	1		Mich., Tex.
Hibiscus esculentus (okra)	Brazil, Egypt, Puerto Rico, Trinidad.	4	2		La., N. Y., P. R.
Phalonia zephyrana (Treit.) (Phaloniidae):					
Daucus carota (carrot)	France		1		Md.
Pheidole megacephala (F.) (Formicidae):					
Ananas comosus (pineapple)	Cuba	1			N. Y.
Phenacaspis sandwicensis Fullaway (Coccidae):					
Cocos nucifera (coconut)	Hawaii	7			Calif.*
Mangifera indica (mango)	do	2			Calif.*
Strelitzia reginae (bird-of-paradise-flower)	do	1		1	Calif.*
Strelitzia sp.	do	2			Calif.*
Phloeotribus scarabaeoides (Bern.) (Scolytidae):					
Olea europaea (olive)	Italy	1			N. Y.
Phlyctinus callosus Boh. (Curculionidae):					
Vitis sp. (grape)	Union of South Africa	13			N. Y.
Phytomyza atricornis (Mg.) (Agromyzidae):					
Chrysanthemum sp.	England	1	2		N. Y.
Phytomyza rufipes (Mg.) (Agromyzidae):					
Brassica oleracea botrytis (cauliflower)	Netherlands		1		N. Y.
Pieris brassicae (L.) (Pieridae):					
Allium porrum (leek)	France		1		N. Y.
Brassica oleracea capitata (cabbage)	Italy		2		N. Y.
Pinnaspis buxi (Bouche) (Coccidae):					
Maranta sp.	Canal Zone			1	N. J.
Monstera deliciosa (ceriman)	Hawaii	1			Calif.*
Palm	Nicaragua			1	Calif.*
Philodendron sp.	Hawaii	2		2	Calif.*
Scindapsus aureus (Solomon Island ivy-arum)	do			1	Calif.*
Pityogenes bidentatus (Hbst.) (Scolytidae):					
Pinus sp. (pine)	Netherlands	1			Ala.
Wood	Denmark, Sweden	2			Calif.*
Pityogenes chalcographus (L.) (Scolytidae):					
Picea sp. (spruce)	Sweden	1			N. Y.
Pinus sp. (pine)	Germany, Sweden	1	1		Ill., Tex.
Wood	Germany	1			La.
Platynota rostrana (Wlk.) (Tortricidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Capsicum frutescens (pepper)	do	1			Tex.
Euphorbia sp.	Cuba			1	Fla.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Platypus rugulosus Chap. (Platypodidae):					
Airplane	Nicaragua		1		Tex.
Copaifera hemitomophylla	Costa Rica	4			S. C.
"Poliaspis" pini Mask. (Coccidae):					
Juniperus sp.	Japan			2	Calif.*
Pinus sp. (pine)	do			1	Wash.
Pollinia pollonii (Costa) (Coccidae):					
Olea europaea (olive)	Italy	1			N. Y.
Polychrosis botrana (Schiff.) (Olethreutidae):					
Vitis sp. (grape)	Greece, Italy	4			Mass., N. Y.
Polychrosis botrana (Schiff.) (?) (Olethreutidae):					
Vitis sp. (grape)	Israel	2			N. Y.
Praeblissus albofasciatus Barber (Lygaeidae):					
Orchid	Mexico			2	Tex.
Prays oleellus (F.) (Hyponomeutidae):					
Olea europaea (olive)	Italy	5			Mass., N.Y., Pa.
Prodenia eridania (Cram.) (Phalaenidae):					
Lilium sp. (lily)	Bermuda	1			N. Y.
Protopulvinaria longivalvata (Green) (Coccidae):					
Gardenia augusta (gardenia)	Trinidad, Venezuela	2			N. Y., P. R.
Seed—unknown	Canal Zone			1	Fla.
rotopulvinaria pyriformis (Ckll.) (Coccidae):					
P *Gardenia augusta* (gardenia)	Guatemala, Trinidad	1	1	1	Fla.,* La.,* N. Y.
Leaf—unknown	Bermuda	1			N. Y.
Pseudaonidia trilobitiformis (Green) (Coccidae):					
Citrus sinensis (orange)	South America	1			P. R.
Mangifera indica (mango)	Philippines		1		Calif.*
Pseudischnaspis alienus (Newst.) (Coccidae):					
Brassavola sp. (orchid)	Mexico			1	Tex.
Cattleya sp. (orchid)	British Honduras			1	Tex.
Orchid	British Honduras, Canal Zone, Costa Rica, Mexico, Venezuela.			6	Fla., N. J., Tex.
Palm	Mexico	1			Calif.*
Pseudococcus boninsis (Kuw.) (Coccidae):					
Saccharum officinarum (sugarcane)	Cuba	1			Fla.*
Pseudococcus giffardi (Ehrh.) (Coccidae):					
Pandanus odoratissimus	Hawaii	1			Calif.*
Pseudococcus gahani (Green) (Coccidae):					
Prunus domestica (plum)	Chile	1			N. Y.
Pseudococcus palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut)	Hawaii, Philippines	6	1		Calif.*
Pseudodiaspis yuccae (Ckll.) (Coccidae):					
Agave sp.	Mexico			1	N. J.
Cactus	do			1	N. J.
Psylla buxi (L.) (Psyllidae):					
Buxus sempervirens (box)	Netherlands			2	N. J.
Buxus sp.	do			2	N. J.
Pteleobius vittatus (F.) (Scolytidae):					
Ulmus sp. (elm)	England	1			Md.
Ptinus villiger (Reit.) (Ptinidae):					
Tagetes sp. (marigold)	Mexico	1			Ariz.
Pulvinaria psidii Mask. (Coccidae):					
Alpinia purpurata	Hawaii	4			Calif.*
Anthurium sp.	do	2			Calif.*
Arctotis stoechadifolia (African daisy)	Bermuda			2	N. Y.
Cordyline terminalis (dracena)	Hawaii	1			Calif.*
Ficus sp.	Cuba		1		Fla.*
Plant—unknown	Philippines			1	Calif.*
Puto lasiorum (Ckll.) (Coccidae):					
Cactus	Mexico			1	Tex.
Puto mexicanus (Ckll.) (Coccidae):					
Orchid	do			1	Tex.
Puto ulter Ferris (Coccidae):					
Brassia verrucosa (orchid)	Guatemala			1	N. J.
Epidendrum atropurpureum (orchid)	do			1	N. J.
Oncidium splendidum (orchid)	do			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Puto ulter—Continued.					
Oncidium sp.	Guatemala			2	Fla.
Orchid	do			3	Fla.
Pyrausta nubilalis (Hbn.) (Pyraustidae):					
Arctium lappa (burdock)	Japan		1		Oreg.
Capsicum frutescens (pepper)	Italy	1	1		N. Y.
Cucurbita maxima (squash)	do		1		N. Y.
Sorghum vulgare technicum (broomcorn)	do	12	2		Calif.,* La., Md., Mass., Minn., Tex.
Zea mays (corn)	do	1		1	N. Y.
Renocis mexicanus Blkm. (Scolytidae):					
Wood	Mexico	1			Ill.
Reticulitermes speratus (Kolbe) (Rhinotermitidae):					
Paeonia suffruticosa (tree peony)	Japan			1	Calif.*
Rhagoletis cerasi (L.) (Tephritidae):					
Prunus sp. (cherry)	Austria, England, France, Germany, Italy, Portugal, Spain, Sweden.	17	11		Mass., N. Y.
Rhagoletis completa Cr. (Tephritidae):					
Juglans sp. (walnut)	Mexico	1			Tex.
Rhagoletis juglans Cress. (Tephritidae):					
Juglans nigra (black walnut)	do	1			Tex.
Rhagoletis pomonella (Walsh) (Tephritidae):					
Malus sylvestris (apple)	Canada, Mexico, Union of South Africa.	9	2		N. Y., Tex.
Rhagoletis pomonella (Walsh) (?) (Tephritidae):					
Malus sylvestris	Unknown		1		N. Y.
Rhinochenus stigma (L.) (Curculionidae):					
Vicia faba (broadbean)	Trinidad		1		Tex.
Rhopalosiphum subterraneum Mason (Aphidae):					
Capsicum frutescens grossum (bell pepper)	Mexico	1			Ariz.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Rhyparochromus chiragra (F.) (Lygaeidae):					
Nursery stock	Germany			1	Md.
Soil around roots of *Quercus* sp.	Switzerland			1	N. J.
Ribua innoxia Hein. (Phycitidae):					
Ananas comosus (pineapple)	Cuba	13			N. Y.
Scyphophorus acupunctatus Gyll. (Curculionidae):					
Agave parviflora	Mexico			1	N. J.
Agave sp.	do	1			Tex.
Selenothrips rubrocinctus (Giard) (Thripidae):					
Rosa sp.	do		1		Tex.
Sesamia cretica Led. (Phalaenidae):					
Sorghum vulgare technicum (broomcorn)	Greece, Italy	47	1		Calif.,* Fla., Fla.,* La., Md., Mass., N. Y., Pa.
Zea mays (corn)	Italy	1			N. Y.
Sinoxylon anale Lesne (Bostrichidae):					
Wood	India	9			N. Y.
Sinoxylon crassum Lesne (Bostrichidae):					
Wood	do	1			Calif.*
Sisamnes contractus Dist. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	4			Tex.
Sitona crinita (Hbst.) (Curculionidae):					
Brassica oleracea capitata (cabbage)	Algeria		1		Va.
Sitona hispidula (F.) (Curculionidae):					
Soil around rockery plants	Canada			1	Wash.
Sitona humeralis Steph. (Curculionidae):					
Woods moss around *Fagus* sp. plants	Denmark			1	N. J.
Sitona lineata (L.) (Curculionidae):					
Peat moss around rhododendron plants	Netherlands			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Sixeonotus luteiceps Reuter (Miridae):					
Cactus	Mexico			3	Tex.
Ferocactus echidne (cactus)	do			1	Tex.
Mammillaria sp. (cactus)	do			3	Tex.
Sparteus villosus (F.) (Bruchidae):					
Cytisus scoparius (Scotch broom)	Italy			1	N. J.
Lens culinaris (lentil)	do	1			N. Y.
Spartium junceum (weavers-broom)	do			1	N. J.
Specularius impressithorax (Pic) (Bruchidae):					
Erythrina sp.	Union of South Africa			1	Calif.*
Sphenarches caffer (Zell.) (Pterophoridae):					
Cajanus cajan (pigeonpea)	Trinidad	1			N. Y.
Stenocarus fuliginosus Marsh (Curculionidae):					
Ribes sp.	Germany			1	Calif.*
Stenoma anonella Sepp. (Stenomidae):					
Annona cherimola (cherimoya)	Brazil	1			N. Y.
Annona muricata (soursop)	Jamaica, Panama	2			Fla.,* La.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	Canal Zone, Costa Rica, Dominican Republic, Ecuador, Honduras, Mexico, Panama, Venezuela, unknown.		14	10	Ala., Calif.,* La., N. Y., Pa., Tex.
Stephanoderes buscki Hopk. (Scolytidae):					
Caesalpinia sp.	Canal Zone			1	N. J.
Stephanoderes hampei (Ferr.) (Scolytidae):					
Coffea sp. (coffee)	Brazil		1		Md.
Stephanoderes lecontei Hopk. (Scolytidae):					
Cajanus cajan (pigeonpea)	St. Vincent	1			Mass.
Strophosoma capitatum (Deg.) (Curculionidae):					
Rosa sp.	Netherlands			1	N. Y.
Strophosoma melanogrammum (Forst.) (Curculionidae):					
Petroselinum crispum (parsley)	Canada	1			Wash.
Rhododendron sp.	England			1	Wash.
Strophosoma retusum (Marsh.) (?) (Curculionidae):					
Calluna sp.	England	1			N. J.
Systole geniculata Foerst. (Eurytomidae):					
Coriandrum sativum (coriander)	Ethiopia			1	D. C.
Tadius erirhinoides Pasc. (Curculionidae):					
Orchid	Philippines			1	Calif.*
Taeniothrips atratus (Hal.) (Thripidae):					
Calluna vulgaris (heather)	Scotland, Sweden	2			Md., N. Y.
Centaurea cyanus (bachelors button)	Netherlands	1			N. Y.
Dianthus sp. (carnation)	England, Germany, Scotland, Sweden.	10			N. J., N. Y.
Rosa sp.	Unknown		1		N. Y.
Soil on roots of plant	England			1	N. J.
Tulipa sp. (tulip)	do			1	N. Y.
Taeniothrips dianthi Pr. (Thripidae):					
Dianthus sp. (carnation)	Germany, Switzerland, unknown.	1	1	1	Calif.,* N. Y.
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather)	England	1			N. Y.
Taeniothrips hawaiiensis (Morg.) (Thripidae):					
Canavalia sp.	Hawaii	5			Calif.*
Dianthus sp.	Hawaii, Philippines	3			Calif.,* Hawaii.
Flower leis	Hawaii	2			Calif.*
Gardenia augusta (gardenia)	do	2			Calif.*
Mesembryanthemum sp.	do	1			Calif.*
Taeniothrips picipes (Zett.) (Thripidae):					
Primula sp. (primrose)	England			1	N. J.
Talponia batesi Hein. (Olethreutidae):					
Annona cherimola (cherimoya)	Mexico	2			Tex.
Annona reticulata (custard-apple)	do	1			Tex.
"*Targionia*" *bromiliae* (Leon.) (Coccidae):					
Ananas comosus (pineapple)	do	15		1	Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
"Targionia" cueroensis (Ckll.) (Coccidae):					
Pithecellobium dulce (guamachil)	Mexico	1			Calif.
"Targionia" hartii (Ckll.) (Coccidae):					
Dioscorea sp. (yam)	Antigua, Barbados, Cuba, Gold Coast, Grand Cayman, Nevis, St. Kitts, St. Lucia.	10	1	1	D. C., Fla.,* Mass., N. Y.
"Targionia" sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Cuba, Puerto Rico	2			Fla.,* N. Y.
Tarsonemus laticeps Halb. (Tarsonemidae):					
Narcissus sp	Netherlands			1	N. J.
Tenthecoris angustimarginatus Hsiao & Sailer (Miridae):					
Orchid	Mexico			3	Tex.
Tenthecoris bicolor Scott (Miridae):					
Orchid	Honduras, Mexico			4	N. J., Tex.
Tenthecoris confusus Hsiao & Sailer (Miridae):					
Orchid	Mexico			4	Tex.
Tenthecoris distinguendus Hsiao & Sailer (Miridae):					
Cycnoches chlorochilon (orchid)	Canal Zone			1	Calif.*
Tenthecoris orchidearum Reuter (Miridae):					
Orchid	Brazil			1	Fla.
Tenthecoris venezuelensis Hsiao & Sailer (Miridae):					
Cattleya sp (orchid)	Venezuela			2	N. J.
Tetaleurodes acaciae (Q.) (Aleyrodidae):					
Brya sp. (?)	Jamaica			1	Fla.
Chamaedorea sp. (palm)	Mexico	1			Tex.
Leaf—unknown	do	1			Tex.
Thamnophthorus schwarzi Blkm. (Scolytidae):					
Persea americana (avocado)	do	1			Tex.
Thamnotettix hyalinapennis (Stal) (Cicadellidae):					
Anthurium sp	Trinidad	1			N. Y.
Thrips angusticeps Uzel (Thripidae):					
Dianthus sp., *Iris* sp., & *Lathyrus* sp	Japan	1			Wash.
Zantedeschia aethiopica (calla lily)	Italy	1			N. Y.
Tingis cardui (L.) (Tingidae):					
Calluna sp	Great Britain	1			N. Y.
Tmetomorpha bitias (Druce) (Geometridae):					
Airplane	Panama		1		La.
Trialeurodes intermedia Russell (?) (Aleyrodidae):					
Quercus sp. (oak)	Mexico		1		Ariz.
Trialeurodes lauri (Sign.) (Aleyrodidae):					
Laurus nobilis (Grecian laurel)	Italy		1		N. Y.
Laurus sp	Belgium		1		N. Y.
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Citrus paradisi (grapefruit)	Mexico		1		Tex.
Trichobaris mucorea (Lec.) (Cruculionidae):					
Physalis sp. (husk tomato)	do	1			Tex.
Trionymus sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	do	1			Tex.
Trioza magnoliae (Ashm.) (Psyllidae):					
Laurus nobilis (Grecian laurel)	do	1			Tex.
Trupanea stellata (Fuessly) (Tephritidae):					
Chrysanthemum sp	Italy	1			Ill.
Unaspis citri (Comst.) (Coccidae):					
Citrus paradisi (grapefruit)	Cuba		1		Calif.*
Citrus sinensis (orange)	Colombia		1		Calif.*
Unaspis euonymi (Comst.) (Coccidae):					
Euonymus sp	Yugoslavia		1		N. Y.
Unaspis yanonensis (Kuw.) (Coccidae):					
Citrus limon (lemon)	Japan		6		Calif.*
Citrus paradisi (grapefruit)	do		1		Calif.*
Citrus reticulata (Mandarin orange)	China, Japan	2	7		Alaska, Calif.*
Citrus sinensis (orange)	Japan		18		Calif.,* Hawaii.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Vinsonia stellifera (Westw.) (Coccidae):					
Anthurium sp.	Trinidad			2	Fla.
Aspasia epidendroides (orchid)	Canal Zone			1	N. J.
Aspasia sp.	do			1	Fla.
Broughtonia sp. (orchid)	Jamaica			1	Fla.
Cattleya sp. (orchid)	Antigua			1	N. J.
Dendrobium sp. (orchid)	Venezuela			1	N. J.
Oncidium ampliatum (orchid)	Canal Zone			1	Tex.
Orchid	Brazil, Canal Zone, Caroline Islands, Jamaica, St. Kitts, Trinidad, Virgin Islands.			16	Calif.,* Fla., N. J.
Peristeria elata (holy-ghost-flower)	Canal Zone			1	Hawaii.
Xylobiops texanum (Horn) (Bostrichidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Herb	do	1			Tex.

Hosts and insects

ABIES:
Laspeyresia strobilella (Lepidoptera)
ACACIA:
Exptochiomera albomaculata (Hempitera)
Pantomorus godmani (Coleoptera)
ACHRAS:
Anastrepha serpentina (Diptera)
AGAVE:
Pseudodiaspis yuccae (Homoptera)
Scyphophorus acupunctatus (Coleoptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Pieris brassicae (Lepidoptera)
ALLIUM SATIVUM:
Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Bruchus ervi (Coleoptera)
Dyspessa ulula (Lepidoptera)
Parmena balteus (Coleoptera)
ALNUS:
Microleon longipalpis (Lepidoptera)
ALOE:
Aleophagus myersi (Homoptera)
ALPINIA:
Pulvinaria psidii (Homoptera)
ANACAMPSEROS:
Asterolecanium stentae (Homoptera)
ANANAS:
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Euetheola bidentata (Coleoptera)
Eurythmia santiagella (Lepidoptera)
Exptochiomera albomaculata (Hemiptera)
Genopaschia protomis (?) (Lepidoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromiliae (Homoptera)
Xylobiops texanum (Coleoptera)
ANNONA:
Ceratitis capitata (Diptera)
Stenoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
ANTHURIUM:
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Parthenothrips dracaena (Thysanoptera)
Pulvinaria psidii (Homoptera)
Thamnotettix hyalinapennis (Hemiptera)
Vinsonia stellifera (Homoptera)
ANTIRRHINUM:
Cyrtopeltis varians (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
APIUM:
Deroceras reticulatum (Mollusca)
Hyadaphis apii (Homoptera)
ARCTIUM:
Pyrausta nubilalis (Lepidoptera)
ARCTOTIS:
Pulvinaria psidii (Homoptera)
ASPARAGUS:
"Chionaspis" stanotophri (Homoptera)
ASPASIA:
Vinsonia stellifera (Homoptera)
ATTALEA:
Asterolecanium truncatum (Homoptera)
BAMBOO:
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)
Dinoderus brevis (Coleoptera)
Micrapate labialis (Coleoptera)
BEGONIA:
Aleurodicus dugesii (Homoptera)
Brachyrhinus sulcatus (Coleoptera)
Haplothrips gowdeyi (?) (Thysanoptera)
BERBERIS:
Liosomaphis berberidis (Homoptera)
BETA:
Lixus junci (Coleoptera)
Pachyzancla bipunctalis (Lepidoptera)
BETULA:
Oligotrophus betulae (Diptera)
BOUGAINVILLEA:
Orthezia praelonga (Homoptera)
BRASSAVOLA:
Pseudischnaspis alienus (Homoptera)
BRASSIA:
Puto ulter (Homoptera)
BRASSICA CHINENSIS:
Lygus lucorum (Hemiptera)
BRASSICA OLERACEA ACEPHALA:
Evergestis forficalis (Lepidoptera)
BRASSICA OLERACEA BOTRYTIS:
Evergestis forficalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
BRASSICA OLERACEA CAPITATA:
Deroceras reticulatum (Mollusca)
Evergestis forficalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Monomorium destructor (Hymenoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pieris brassicae (Lepidoptera)
Sitona crinita (Coleoptera)
BRASSICA SP.:
Anaphothrips obscurus (Thysanoptera)
BROMELIAD:
Orthodes melanops (Lepidoptera)
BROUGHTONIA:
Vinsonia stellifera (Homoptera)
BRYA:
Tetraleurodes acaciae (Homoptera)
BRYOPHYLLUM:
Frankliniella cubensis (Thysanoptera)
BURLINGTONIA:
Asterolecanium epidendri (Homoptera)
BUXUS:
Psylla buxi (Homoptera)
CACTUS:
Gerstaeckeria mutillaria (Coleoptera)
Hemileuca oliviae (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Puto lasiorum (Homoptera)
Sixeonotus luteiceps (Hemiptera)
CAESALPINIA:
Mimosestes dominicana (Coleoptera)
Stephanoderes buscki (Coleoptera)
CAJANUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Stephanoderes lecontei (Coleoptera)
CALLUNA:
Arctorthezia cataphracta (Homoptera)
Gelechia ericetella (Lepidoptera)
Lochmaea capreae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Strophosoma retusus (?) (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Tingis cardui (Hemiptera)
CALOCARPUM:
Chrysomphalus ritchiei (Homoptera)
CALOTROPIS:
Haplothrips gowdeyi (Thysanoptera)
CAMELLIA:
Aleurotuberculatus similis (Homoptera)
Ceroplastes ceriferus (Homoptera)
Parlatoria camelliae (Homoptera)
CANAVALIA:
Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
CAPSICUM:
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)
CARICA:
Lichtensia lutea (Homoptera)
CASSIA:
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
CASTANEA:
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia juliana (Lepidoptera)

Hosts and insects—Continued

CASTANEA—Continued
Laspeyresia splendana (Lepidoptera)
CASUARINA:
Leucaspis candida (Homoptera)
Leucaspis loewi (Homoptera)
CATTLEYA:
Aleuroglandulus emmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Deroceras reticulatum (Mollusca)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Mordellistena cattleyana (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthecoris venezuelensis (Hemiptera)
Vinsonia stellifera (Homoptera)
CEDRUS:
Aspidiotus pseudomeyeri (Homoptera)
Lineaspis striata (Homoptera)
CELOSIA:
Ligyrocoris aurivilliana (Hemiptera)
CENTAUREA:
Taeniothrips atratus (Thysanoptera)
CEROPEGIA:
"Chionaspis" indigoferae (Homoptera)
CHAENOMELES:
Ceroplastes rubens (Homoptera)
CHAMAEDOREA:
Tetraleurodes acaciae (Homoptera)
CHRYSANTHEMUM:
Cacoecia pronubana (Lepidoptera)
Capitophorus formosanus (Homoptera)
Cnephasia virgaureana (Lepidoptera)
Deroceras reticulatum (Mollusca)
Myrmica laevinodis (Hymenoptera)
Phytomyza atricornis (Diptera)
Trupanea stellata (Diptera)
CHRYSOPHYLLUM:
Anastrepha serpentina (Diptera)
CICER:
Ancylostomia stercorea (Lepidoptera)
CIRSIUM:
Capitophorus carduinus (Homoptera)
CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
CITRUS AURANTIUM (?):
Leucaspis cockerelli (Homoptera)
CITRUS LIMON:
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS PARADISI:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Trialeurodes vitrinellus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS RETICULATA:
Aleurocanthus woglumi (Homoptera)
Aleurolobus marlatti (Homoptera)
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS SINENSIS:
Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha fraterculus (Diptera)
CITRUS SINENSIS—Continued
Anastrepha ludens (Diptera)
Anastrepha serpentina (?) (Diptera)
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Chaetanaphothrips orchidii (Thysanoptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Aleuroparadoxus gardeniae (Homoptera)
Aleuroplatus cococolus (Homoptera)
Aleurothrixus floccosus (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Exophthalmus roseipes (Coleoptera)
Leucaspis cockerelli (Homoptera)
COCOS:
Aonidiella inornata (Homoptera)
Aspidiotus coryphae (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus tingi (Homoptera)
Ereunetis flavistriata (Lepidoptera)
Ferrisiana virgata (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudococcus palmarum (Homoptera)
CODIAEUM:
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)
COELOGYNE:
Chrysomphalu snulliporus (Homoptera)
Lepidosaphes tuberculata (Homoptera)
COFFEA:
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)
COPAIFERA:
Draeculacephala lenticula (Hemiptera)
Platypus rugulosus (Coleoptera)
CORDYLINE:
Pulvinaria psidii (Homoptera)
CORIANDRUM:
Frankliniella cubensis (Thysanoptera)
Systole geniculata (Hymenoptera)
CORNUS:
Lygus campestris (Hemiptera)
CORYLUS:
Curculio nucum (Coleoptera)
CRATAEGUS:
Ceroplastes rubens (Homoptera)
CRYPTOSTEGIA:
Heteropsylla texana (Homoptera)
CUCUMIS:
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
CUCURBITA:
Pyrausta nubilalis (Lepidoptera)
CUPRESSUS:
Epinotia tessulatana (Lepidoptera)
Lepidosaphes pallida (Homoptera)
CURCUMA:
Paraputo taraktogeni (Homoptera)
CYBISTAX:
Acanthoderes circumflexa (Coleoptera)
CYCAD:
Cryptoblabes gnidiella (Lepidoptera)
CYCNOCHES:
Tenthecoris distinguendus (Hemiptera)
CYDONIA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Grapholitha packardi (Lepidoptera)
CYMBIDIUM:
Lepidosaphes tuberculata (Homoptera)

Hosts and insects—Continued

CYNARA:
Anuraphis cynarae (?) (Homoptera)
Apion carduorum (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
CYPRIPEDIUM:
Parlatoria pseudaspidiotus (Homoptera)
CYTISUS:
Sparteus villosus (Coleoptera)
DAHLIA:
Gortyna flavago (Lepidoptera)
DAISY:
Pantomorus godmani (Coleoptera)
DAUCUS:
Haplothrips gowdeyi (Thysanoptera)
Loxostege similalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Phalonia zephyrana (Lepidoptera)
DELONIX:
Ferrisiana virgata (Homoptera)
DENDROBIUM:
Chrysomphalus nulliporus (Homoptera)
Vinsonia stellifera (Homoptera)
DERRIS:
Dinoderus bifoveolatus (Coleoptera)
DIANTHUS:
Cacoecia pronubana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
DIOSCOREA:
Monomorium destructor (Hymenoptera)
"Targionia" hartii (Homoptera)
DIOSPYROS:
Ceratitis capitata (Diptera)
Ceroplastes rubens (Homoptera)
Lepidosaphes conchiformis (Homoptera)
Parlatoria oleae (Homoptera)
DOLICHOS:
Callosobruchus phaseoli (Coleoptera)
EPIDENDRUM:
Chrysomphalus tenax (Homoptera)
Conchaspis angraeci (Homoptera)
Furcaspis biformis (Homoptera)
Puto ulter (Homoptera)
ERANTHEMUM:
Frankliniella cubensis (Thysanoptera)
ERYTHRINA:
Specularius impressithorax (Coleoptera)
EUONYMUS:
Unaspis euonymi (Homoptera)
EUPHORBIA:
Platynota rostrana (Lepidoptera)
FEROCACTUS:
Sixeonotus luteiceps (Hemiptera)
FICUS:
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Coccus viridis (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Homotoma ficus (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)
Pulvinaria psidii (Homoptera)
FRAGARIA:
Cacoecia pronubana (Lepidoptera)
GARCINIA:
Aspidiotus destructor (Homoptera)
GARDENIA:
Aleurotuberculatus jasmini (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Dysdercus mimulus (Hemiptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisiana virgata (Homoptera)
Orthezia praelonga (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
GENTIANA:
Nemotois violellum (?) (Lepidoptera)
GLADIOLUS:
Exophthalmus laetus (Coleoptera)
GOSSYPIUM:
Pectinophora gossypiella (Lepidoptera)
GRAMMATOPHYLLUM:
Ceroplastes rubens (Homoptera)
Mertila malayensis (Hemiptera)
GREVILLEA:
Icerya aegyptiaca (Homoptera)
GUAJACUM:
Aleurothrixus floccocus (Homoptera)
Neoclytus cacicus (Coleoptera)
Paraleyrodes goyabae (Homoptera)
HEDYCHIUM:
Paraputo taraktogeni (Homoptera)
HELICHRYSUM:
Haplothrips gowdeyi (Thysanoptera)
HEUCHERA:
Hypera nigrirostris (Coleoptera)
HIBISCUS:
Aleurocanthus woglumi (Homoptera)
Conchaspis angraeci (Homoptera)
Frankliniella cubensis (Thysanoptera)
Pectinophora gossypiella (Lepidoptera)
HYPERICUM:
Agallia venosa (Hemiptera)
ILEX:
Aleuroplatus plumosus (Homoptera)
Notochilus damryi (Hemiptera)
IPOMOEA:
Cylas femoralis (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
ISOLOMA:
Coccidella americana (Homoptera)
IXORA:
Coccus viridis (Homoptera)
JASMINUM:
Aonidiella inornata (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Parlatoria cinerea (Homoptera)
JUGLANS:
Monellia costalis (Homoptera)
Myzocallis caryaefoliae (Homoptera)
Rhagoletis completa (Diptera)
Rhagoletis juglans (Diptera)
JUNIPERUS:
Lepidosaphes pallida (Homoptera)
"Poliaspis" pini (Homoptera)
KHAYA:
Bostrychoplites cornutus (Coleoptera)
Cordylomera spinicornis (Coleoptera)
Heterobostrychus brunneus (Coleoptera)
LACTUCA:
Dicyphus annulatus (Hemiptera)
Draeculacephala minerva (Hemiptera)
LAELIA:
Asterolecanium epidendri (Homoptera)
LATHYRUS:
Haplothrips gowdeyi (Thysanoptera)
Liriomyza congesta (Diptera)
LAURUS:
Cacoecia pronubana (Lepidoptera)
Ceroplastes japonicus (Homoptera)
Chrysomphalus paulistus (Homoptera)
Chrysomphalus personatus (Homoptera)
Trialeurodes lauri (Homoptera)
Trioza magnoliae (Homoptera)
LEMAIREOCEREUS:
Lepidosaphes philococcus (Homoptera)
LENS:
Bruchus rufipes (Coleoptera)
Bruchus signaticornis (Coleoptera)
Sparteus villosus (Coleoptera)
LEUCOJUM:
Lampetia equestris (Diptera)
LILIUM:
Crioceris lilii (Coleoptera)
Frankliniella cubensis (Thysanoptera)
Prodenia eridania (Lepidoptera)
LONCHOCARPUS:
Dinoderus bifoveolatus (Coleoptera)
LYCOPERSICON:
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Dysdercus mimulus (Hemiptera)
Lineodes integra (Lepidoptera)

Hosts and insects—Continued

LYCOPERSICON—Continued
Neoleucinodes elegantalis (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)
MALUS:
Allantus cinctus (Hymenoptera)
Anthonomus pomorum (Coleoptera)
Aspidiotus pyri (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Epidiaspis piricola (Homoptera)
Lepidosaphes conchiformis (Homoptera)
Monanthia echii (Hemiptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)
MAMMEA:
Anastrepha serpentina (Diptera)
Morganella longispina (Homoptera)
MAMMILLARIA:
Gerstaeckeria mutillaria (Coleoptera)
Sixeonotus luteiceps (Hemiptera)
MANGIFERA:
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
MARANTA:
Pinnaspis buxi (Homoptera)
MELICOCCA:
Fiorinia nephelii (Homoptera)
MESEMBRYANTHEMUM:
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
MONSTERA:
Pinnaspis buxi (Homoptera)
MUSA PARADISIACA:
Aspidiotus destructor (Homoptera)
MUSA PARADISIACA SAPIENTUM:
Aspidiotus destructor (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)
MUSCARI:
Exosoma lusitanica (Coleoptera)
MYRTILLOCACTUS:
Gargaphia patricia (Hemiptera)
Lepidosaphes philococcus (Homoptera)
NARCISSUS:
Lampetia equestris (Diptera)
Tarsonemus laticeps (Acarina)
NERIUM:
Exptochiomera albomaculata (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Morganella longispina (Homoptera)
OCHROSIA:
Dacus dorsalis (?) (Diptera)
OLEA:
Dacus oleae (Diptera)
Euphilippia olivina (Homoptera)
Euphyllura olivina (Homoptera)
Filippia oleae (Homoptera)
Parlatoria oleae (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Pollinia pollonii (Homoptera)
Prays oleellus (Lepidoptera)
ONCIDIUM:
Conchaspis angraeci (Homoptera)
Furcaspis biformis (Homoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)
OPUNTIA:
Ceratitis capitata (Diptera)
ORCHID:
Acroleucus vicinalis (Hemiptera)
Apion auctum (?) (Coleoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus diversicolor (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cleogonus armatus (Coleoptera)

ORCHID—Continued
Clerada apicornis (Hemiptera)
Conchaspis angraeci (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Exptochiomera albomaculata (Hemiptera)
Furcaspis biformis (Homoptera)
Genuchinus v-notatus (Coleoptera)
Lecaniodiaspis dendrobii (Homoptera)
Lygaeus circumlinitus (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Malocampa punctata (Lepidoptera)
Mordellistena cattleyana (Coleoptera)
Mormidea collaris (Hemiptera)
Nysius terrestris (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Praeblissus albofasciatus (Hemiptera)
Pseudischnaspis alienus (Homoptera)
Puto mexicanus (Homoptera)
Puto ulter (Homoptera)
Tadius erirhinoides (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris orchidearum (Hemiptera)
Vinsonia stellifera (Homoptera)
ORCHIS:
Furcaspis biformis (Homoptera)
ORNITHOGALUM:
Haplothrips bagnalli (Thysanoptera)
Lampetia equestris (Diptera)
ORYZA:
Chilo simplex (Lepidoptera)
PAEONIA:
Lepidosaphes kuwacola (Homoptera)
Reticulitermes speratus (Isoptera)
PALM:
Aspidiotus herculeanus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Dinoderus bifoveolatus (Coleoptera)
Dysdercus mimulus (Hemiptera)
Furcaspis biformis (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudischnaspis alienus (Homoptera)
PANDANUS:
Pseudococcus giffardi (Homoptera)
PASSIFLORA:
Frankliniella cubensis (Thysanoptera)
PERISTERIA:
Vinsonia stellifera (Homoptera)
PERSEA:
Anastrepha ludens (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Exptochiomera albomaculata (Hemiptera)
Stenoma catenifer (Lepidoptera)
Thamnophthorus schwarzi (Coleoptera)
PETIVERIA:
Cylas formicarius elegantulus (Coleoptera)
PETROSELINUM:
Strophosoma melanogrammum (Coleoptera)
PHASEOLUS LUNATUS MACROCARPUS:
Maruca testulalis (Lepidoptera)
PHASEOLUS VULGARIS:
Acanthoscelides obvelatus (Coleoptera)
PHASEOLUS VULGARIS VAR.:
Epinotia opposita (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (?) (Lepidoptera)
Maruca testulalis (Lepidoptera)
PHILODENDRON:
Apsychomyrmex tristani (Hymenoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Chrysomphalus tenax (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)
PHOENIX:
Coccotrypes dactyliperda (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)

Hosts and insects—Continued

PHYSALIS:
Trichobaris mucorea (Coleoptera)
PICEA:
Hylurgops palliatus (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Pityogenes chalcographus (Coleoptera)
PINUS:
Aspidiotus abietus (Homoptera)
Aspidiotus corticis-pini (Homoptera)
Dendroctonus mexicanus (Coleoptera)
Dryocoetes autographus (Coleoptera)
Dryocoetes septentrionis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Leucaspis loewi (Homoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Poliaspis pini (Homoptera)
PISTACIA:
Megastigmus pistaciae (Hymenoptera)
PISUM:
Laspeyresia nigricana (Lepidoptera)
PITHECELLOBIUM:
"Targionia" cueroensis (Homoptera)
PRIMULA:
Taeniothrips picipes (Thysanoptera)
PRUNUS ARMENIACA:
Ceratitis capitata (Diptera)
Lecanium coryli (Homoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)
PRUNUS CERASUS:
Iridomyrmex itoi abbotti (Hymenoptera)
PRUNUS DOMESTICA:
Ceratitis capitata (?) (Diptera)
Epidiaspis piricola (Homoptera)
Parlatoria oleae (Homoptera)
Pseudococcus gahani (Homoptera)
PRUNUS PERSICA:
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
PRUNUS PERSICA NECTARINA:
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
PRUNUS SP. (cherry):
Rhagoletis cerasi (Diptera)
PRUNUS SP. (wild plum):
Anthonomus scutellaris (Coleoptera)
PSIDIUM:
Aleuroglandulus emmae (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (?) (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
PUERARIA:
Callosobruchus ademptus (Coleoptera)
PUNICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
PYRUS:
Anastrepha ludens (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
QUERCUS:
Curculio elephas (Coleoptera)
Trialeurodes intermedia (?) (Homoptera)
RANUNCULUS:
Aphis rhamni (?) (Homoptera)
RHODODENDRON:
Coeliodes rubicundus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Masonaphis rhododendri (Homoptera)
Nematus bergmanni (Hymenoptera)
Newsteadia floccosa (Homoptera)
Strophosoma melanogrammus (Coleoptera)
RHYNCHOSIA:
Acanthoscelides griseolus (Coleoptera)
RIBES:
Apion apricans (Coleoptera)
Stenocarus fuliginosus (Coleoptera)
RORIPPA:
Evergestis rimosalis (Lepidoptera)
ROSA:
Allantus cinctus (Hymenoptera)
Arge rosae (Hymenoptera)
Cacoecia pronubana (Lepidoptera)
Parlatoria oleae (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Strophosoma capitatus (Coleoptera)
Taeniothrips atratus (Thysanoptera)
SACCHARUM:
Diatraea busckella (Lepidoptera)
Pseudococcus boninsis (Homoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)
SALVIA:
Amitermes wheeleri (Isoptera)
SAPOTE:
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
SCHOMBURGKIA:
Chrysomphalus tenax (Homoptera)
SCINDAPSUS:
Pinnaspis buxi (Homoptera)
SOIL:
Agriotes lineatus (Coleoptera)
Brachyrhinus ovatus (Coleoptera)
Brachyrhinus porcatus (Coleoptera)
Brachyrhinus rugosostriatus (Coleoptera)
Hypera nigrirostris (Coleoptera)
Monomorium destructor (Hymenoptera)
Rhyparochromus chiragra (Hemiptera)
Sitona hispidula (Coleoptera)
Taeniothrips atratus (Thysanoptera)
SOLANUM:
Epicaerus cognatus (Coleoptera)
SORGHUM:
Gortyna flavago (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
SPARTIUM:
Sparteus villosus (Coleoptera)
SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
STAPELIA:
"Chionaspis" indigoferae (Homoptera)
STRELITZIA:
Phenacaspis sandwicensis (Homoptera)
SYRINGA:
Adoxophyes orana (Lepidoptera)
TAGETES:
Haplothrips gowdeyi (Thysanoptera)
Ptinus villiger (Coleoptera)
TAMARINDUS:
Caryedon fuscus (Coleoptera)
Monomorium destructor (Hymenoptera)
Myelois ceratoniae (Lepidoptera)
THUJA:
Lepidosaphes pallida (Homoptera)
TILIA:
Lecanium coryli (Homoptera)
TILLANDSIA:
Catolethrus ebeninus (Coleoptera)
TRIFOLIUM:
Hypera postica (Coleoptera)
TRIPLOCHITON:
Heterobostrychus brunneus (Coleoptera)
TULIPA:
Taeniothrips atratus (Thysanoptera)
ULMUS (?):
Leperisinus fraxini (Coleoptera)
ULMUS:
Pteleobius vittatus (Coleoptera)
VANDA:
Asterolecanium epidendri (Homoptera)
Furcaspis biformis (Homoptera)
Monomorium destructor (Hymenoptera)
VICIA:
Apion pomonae (?) (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristis (Coleoptera)
Rhinochenus stigma (Coleoptera)
VITIS:
Carbula trisignata (Hemiptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)

Hosts and insects—Continued

VITIS—Continued
Leptoglossus chilensis (Hemiptera)
Megalometis chiliensis (Coleoptera)
Phlyctinus callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)
YUCCA:
Chrysomphalus agavis (Homoptera)
ZANTEDESCHIA:
Thrips angusticeps (Thysanoptera)
ZEA:
Moodna bisinuella (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
ZINGIBER:
Palaeopus costicollis (Coleoptera)

Hosts unknown

AIRPLANE:
Ethmia festiva (Lepidoptera)
Hoplosternus japonicus (Coleoptera)
Laphygma exempta (Lepidoptera)
Maruca testulalis (Lepidoptera)
Ozophora consanguinea (Hemiptera)
Platypus rugulosus (Coleoptera)
Tmetomorpha bitias (Lepidoptera)
BARK:
Ips acuminatus (Coleoptera)
Metopoplax ditomoides (Hemiptera)
Microplax plagiatus (Hemiptera)
BEAN:
Callosobruchus phaseoli (Coleoptera)
CARGO HOLD:
Achatina fulica (Mollusca)
FERN LOG:
Dryophthorus pusillus (Coleoptera)
FLOWERS:
Haplothrips gowdeyi (Thysanoptera)
Oxythyrea funesta (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)
HERB:
Heterobostrychus aequalis (Coleoptera)
Megalopyge krugii (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Xylobiops texanum (Coleoptera)
LEAF:
Asterolecanium epidendri (Homoptera)
Chrysomphalus personatus (Homoptera)
Pachyzancla periusalis (Lepidoptera)
Protopulvinaria pyriformis (Homoptera)
Tetraleurodes acaciae (Homoptera)
LOG:
Cordylomera spinicornis (Lepidoptera)
Nasutitermes fulviceps (Isoptera)
NURSERY STOCK:
Rhyparochromus chiragra (Hemiptera)
PACKING:
Acalypta parvula (Hemiptera)
Ceutorhynchus contractus (Coleoptera)
Ceutorhynchus erysimi (Coleoptera)
Chalcophana fervida (Coleoptera)
Drymus assimilis (Hemiptera)
Hypera plantaginis (?) (Coleoptera)
Naupactus xanthographus (Coleoptera)
Orobitis cyaneus (Coleoptera)
Ortheziola signoreti (Homoptera)
Orthochaetes setiger (Coleoptera)
Sitona lineata (Coleoptera)
PLANT:
Chrysomphalus odontoglosi (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Ferrisiana virgata (Homoptera)
Lepidosaphes celtis (Homoptera)
Pulvinaria psidii (Homoptera)
RETURNED WAR EQUIPMENT:
Achatina fulica (Mollusca)
SEED:
Coccotrypes dactyliperda (Coleoptera)
Protopulvinaria longivalvata (Homoptera)
TRUCK BED:
Nasutitermes luzonicus (Isoptera)
TUBER:
Gortyna flavago (?) (Lepidoptera)
WOOD:
Callidium aeneum (Coleoptera)
Hylurgops palliatus (Coleoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon crassum (Coleoptera)
WOODS MOSS:
Brachyrhinus singularis (Coleoptera)
Ceutorhynchus contractus (Coleoptera)
Hypera nigrirostris (Coleoptera)
Hypera postica (Coleoptera)
Sitona humeralis (Coleoptera)

Countries of origin and insects

AFRICA:
Ceratitis capitata
ALGERIA:
Anuraphis cynarae (?)
Ceratitis capitata
Dacus oleae (?)
Hyadaphis apii
Parlatoria zizyphus
Sitona crinita
AMERICAN SAMOA:
Icerya aegyptiaca
ANTIGUA:
"Targionia" hartii
Vinsonia stellifera
ARGENTINA:
Anastrepha fraterculus
ARUBA:
Parlatoria zizyphus
AUSTRALIA:
Lepidosaphes tuberculata
Pantomorus godmani
Parlatoria zizyphus
AUSTRIA:
Leucaspis loewi
Nemotois violellus (?)
Rhagoletis cerasi
AZORES:
Ceratitis capitata
Curculio elephas
Laspeyresia splendana
BAHAMAS:
Aleurothrixus floccosus
Ancylostomia stercorea
Dialeurodes citrifolii
Pectinophora gossypiella
BARBADOS:
Asterolecanium bambusae
Asterolecanium miliaris miliaris
Aulacaspis tuberculariis
"Targionia" hartii
BELGIUM:
Brachyrhinus sulcatus
Bruchus tristis
Gracilaria azaleella
Hypera nigrirostris
Lepidosaphes tuberculata
Trialeurodes lauri
BERMUDA:
Conchaspis angraeci
Cryptoblabes gnidiella
Cyrtopeltis varians
Deroceras reticulatum
Frankliniella cubensis
Haplothrips gowdeyi (?)
Iridomyrmex humilis
Liriomyza congesta
Morganella longispina
Prodenia eridania
Protopulvinaria pyriformis
Pulvinaria psidii

Countries of origin and insects—Continued

BRAZIL:
Aganactesis indecora
Chrysomphalus paulistus
Chrysomphalus personatus
Dinoderus bifoveolatus
Eurytoma orchidearum
Euscepes postfasciatus
Gymnandrosoma aurantianum
Maruca testulalis
Nasutitermes fulviceps
Parlatoria cinerea
Pectinophora gossypiella
Stenoma anonella
Stephanoderes hampei
Tenthecoris orchidearum
Vinsonia stellifera
BRITISH HONDURAS:
Asterolecanium epidendri
Pseudischnaspis alienus
BRITISH WEST AFRICA:
Pectinophora gossypiella
BRITISH WEST INDIES:
Acanthoscelides armitagei
Palaeopus costicollis
CANADA:
Capitophorus carduinus
Dryocoetes septentrionis
Rhagoletis pomonella
Sitona hispidula
Strophosoma melanogrammum
CANAL ZONE:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus ritchiei
Chrysomphalus umboniferus
Cleogonus armatus
Conchaspis angraeci
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli
Parlatoria pseudaspidiotus
Pinnaspis buxi
Protopulvinaria longivalvata
Pseudischnaspis alienus
Stenoma catenifer
Stephanoderes buscki
Tenthecoris distinguendus
Vinsonia stellifera
CANARY ISLANDS:
Lampides boeticus (?)
CAROLINE ISLANDS:
Vinsonia stellifera
CEYLON:
Furcaspis biformis
CHILE:
Aceria tulipae
Epidiaspis piricola
Leptoglossus chilensis
Megalometis chiliensis
Naupactus xanthographus
Pseudococcus gahani
CHINA:
Aleurotuberculatus jasmini
Carposina sasakii
Dialeurodes kirkaldyi
Dinoderus bifoveolatus
Parlatoria camelliae
Parlatoria zizyphus
Unaspis yanonensis
COLOMBIA:
Eurytoma orchidearum
Exptochiomera albomaculata
Furcaspis biformis
Iridomyrmex iniguus
Leucaspis cockerelli
Mordellistena cattleyana
Unaspis citri
COSTA RICA:
Anastrepha ludens
Apsychomyrmex tristani
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium truncatum
COSTA RICA—Continued
Chrysomphalus umboniferus
Dialeurodes citrifolii
Draeculacephala lenticula
Leucaspis cockerelli
Metamasius sericeus
Platypus rugulosus
Pseudischnaspis alienus
Stenoma catenifer
CRETE:
Dacus oleae
CUBA:
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium miliaris miliaris
Chalcophana fervida
Chrysomphalus tenax
Coccus viridis
Conchaspis angraeci
Cylas formicarius elegantulus
Eurythmia santiagella
Fiorinia nephelii
Fundella pellucens
Furcaspis biformis
Gynaikothrips ficorum
Haplothrips gowdeyi
Heterobostrychus aequalis
Maruca testulalis
Pheidole megacephala
Platynota rostrana
Pseudococcus boninsis
Pulvinaria psidii
Ribua innoxia
"Targionia" hartii
"Targionia" sacchari
Unaspis citri
CURAÇAO:
Megalopyge krugii
Parlatoria cinerea
CYPRUS:
Ceratitis capitata
DENMARK:
Agriotes lineatus
Callidium aeneum
Hypera postica
Lecanium coryli
Pityogenes bidentatus
Sitona humeralis
DOMINICAN REPUBLIC:
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Furcaspis biformis
Stenoma catenifer
ECUADOR:
Metamasius sericeus
Stenoma catenifer
EGYPT:
Ceratitis capitata
"Chionaspis" stanotophri
Cryptoblabes gnidiella
Lixus junci
Parlatoria oleae
Pectinophora gossypiella
ENGLAND:
Acalypta parvula
Allantus cinctus
Arctorthezia cataphracta
Cacoecia pronubana
Ceutorhynchus contractus
Ceutorhynchus erysimi
Cnephasia virgaureana
Coeliodes rubicundus
Deroceras reticulatum
Drymus assimilis
Gelechia ericetella
Gracilaria azaleella
Hypera nigrirostris
Hypera plantaginis (?)
Laspeyresia splendana
Leperisinus fraxini
Lepidosaphes tuberculata
Lygus lucorum
Mamestra brassicae
Myrmica laevinodis

Countries of origin and insects—Continued

ENGLAND—Continued
Newsteadia floccosa
Oligotrophus betulae
Orobitis cyaneus
Ortheziola signoreti
Orthochaetes setiger
Phytomyza atricornis
Pteleobius vittatus
Rhagoletis cerasi
Strophosoma melanogrammum
Strophosoma retusus (?)
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes
ETHIOPIA:
Aleophagus myersi
Systole geniculata
FIJI ISLANDS:
Dacus dorsalis (?)
FORMOSA:
Parlatoria pseudaspidiotus
FRANCE:
Aphis rhamni (?)
Apion carduorum
Apion pomonae (?)
Bruchus luteicornis
Cacoecia pronubana
Ceratitis capitata
Ceroplastes japonicus
Crioceris lilii
Curculio elephas
Epidiaspis piricola
Evergestis forficalis
Laspeyresia splendana
Mamestra brassicae
Oxythyrea funesta
Parlatoria zizyphus
Phalonia zephyrana
Pieris brassicae
Rhagoletis cerasi
FRENCH WEST AFRICA (?):
Parlatoria zizyphus
GERMANY:
Allantus cinctus
Anthonomus pomorum
Apion apricans
Arge rosae
Aspidiotus abietus
Aspidiotus pyri
Bruchus luteicornis
Callidium aeneum
Curculio nucum
Dryocoetes autographus
Hylurgops palliatus
Lampetia equestris
Laspeyresia strobilella
Leucaspis loewi
Pityogenes chalcographus
Rhagoletis cerasi
Rhyparochromus chiragra
Stenocarus fuliginosus
Taeniothrips atratus
Taeniothrips dianthi
GIBRALTAR (?):
Ceratitis capitata
GOLD COAST:
Cordylomera spinicornis
Dinoderus bifoveolatus
Heterobostrychus brunneus
"Targionia" hartii
GRAND CAYMAN:
"Targionia" hartii
GREAT BRITAIN:
Tingis cardui
GREECE:
Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleae
Gortyna flavago
Lecanium coryli
Leucaspis candida
Leucaspis loewi
Nilotaspis halli
Parlatoria oleae
Polychrosis botrana
Sesamia cretica
GRENADA:
Genopaschia protomis (?)
GUAM:
Achatina fulica
Ceroplastes rubens
Ferrisiana virgata
GUATEMALA:
Acanthoscelides obvelatus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Apion auctum (?)
Chrysomphalus nigropunctatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Ferrisiana virgata
Furcaspis biformis
Lecaniodiaspis dendrobii
Metamasius sericeus carbonarius
Morganella longispina
Neoclytus cacicus
Protopulvinaria pyriformis
Puto ulter
HAITI:
Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Exophthalmus laetus
Haplothrips gowdeyi
Mimosestes dominicana
Pachyzancla bipunctalis
HAWAII:
Aonidiella inornata
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccotrypes dactyliperda
Coccus viridis
Cryptorhynchus mangiferae
Dacus cucurbitae
Dacus dorsalis
Dialeurodes citri
Dialeurodes kirkaldyi
Dryophthorus pusillus
Ereunetis flavistriata
Euscepes postfasciatus
Furcaspis biformis
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Nysius terrestris
Parlatoria crotonis
Parlatoria pseudaspidiotus
Parthenothrips dracaena
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Pseudococcus giffardi
Pseudococcus palmarum
Pulvinaria psidii
Taeniothrips hawaiiensis
HONDURAS:
Acanthoderes circumflexa
Anastrepha mombinpraeoptans
Chrysomphalus tenax
Furcaspis biformis
Metamasius sericeus
Stenoma catenifer
Tenthecoris bicolor
INDIA:
Aspidiotus destructor
Coccotrypes dactyliperda
Cryptorhynchus mangiferae
Dinoderus brevis
Haplothrips gowdeyi
Lepidosaphes mcgregori
Lepidosaphes tuberculata
Monomorium destructor
Paraputo taraktogeni
Pectinophora gossypiella
Sinoxylon anale
Sinoxylon crassum
INDONESIA:
Monomorium destructor
IRAQ:
Bruchus rufipes

Countries of origin and insects—Continued

IRELAND:
Anaphothrips obscurus
Evergestis forficalis
Hypera postica
ISRAEL:
Ceratitis capitata
Lineaspis striata
Parlatoria cinerea
Polychrosis botrana (?)
ITALY:
Acrolepia assectella
Apion carduorum
Brachycerus albidentatus
Brachycerus algirus
Bruchus ervi
Bruchus signaticornis
Cacoecia pronubana
Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Euphilippia olivina
Filippia oleae
Gortyna flavago
Hemimene juliana
Homotoma ficus
Iridomyrmex humilis
Lampetia equestris
Laspeyresia juliana
Laspeyresia splendana
Lepidosaphes ficus
Mamestra brassicae
Megastigmus pistaciae
Myelois ceratoniae
Notochilus damryi
Parlatoria camelliae
Parlatoria oleae
Parlatoria zizyphus
Parmena balteus
Pectinophora gossypiella
Phloeotribus scarabaeoides
Pieris brassicae
Pollinia pollonii
Polychrosis botrana
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sparteus villosus
Thrips angusticeps
Trialeurodes lauri
Trupanea stellata
JAMAICA:
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Asterolecanium epidendri
Caryedon fuscus
Chrysomphalus odontoglossi
Cylas formicarius elegantulus
Leucaspis cockerelli
Monomorium destructor
Myelois ceratoniae
Palaeopus costicollis
Paraleyrodes goyabae
Stenoma anonella
Tetraleurodes acaciae
Vinsonia stellifera
JAPAN:
Aleurolobus marlatti
Aleurotuberculatus similis
Aspidiotus corticis-pini
Aspidiotus pseudomeyeri
Capitophorus formosanus
Ceroplastes ceriferus
Ceroplastes rubens
Chilo simplex
Dinoderus brevis
Gracilaria azaleella
Grapholitha molesta
Hoplosternus japonicus
Iridomyrmex itoi abbotti
JAPAN—Continued
Laphygma exempta
Lepidosaphes celtis
Lepidosaphes conchiformis
Lepidosaphes kuwacola
Lepidosaphes pallida
Maruca testulalis
Microleon longipalpis
Monomorium destructor
Parlatoria camelliae
"Poliaspis" pini
Pyrausta nubilalis
Reticulitermes speratus
Thrips angusticeps
Unaspis yanonensis
KOREA:
Callosobruchus ademptus
Lepidosaphes conchiformis
Pectinophora gossypiella
LEBANON:
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
LIBERIA:
Cylas femoralis
MALTA:
Ceratitis capitata
MEXICO:
Acanthoscelides griseolus
Aceria tulipae
Acroleucus vicinalis
Aleurocanthus woglumi
Aleurodicus dugesii
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus cococolus
Aleuroplatus plumosus
Aleurothrixus floccosus
Alpheias conspirata
Amitermes wheeleri
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anthonomus scutellaris
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium epidendri
Aulacaspis tubercularis
Catolethrus ebeninus
Chalcodermus dentiferus
Chrysomphalus agavis
Chrysomphalus personatus
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus tingi
Chrysomphalus umboniferus
Clerada apicornis
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus perseae
Cylas formicarius elegantulus
Dendroctonus mexicanus
Dialeurodes citri
Diorymerellus laevimargo
Draeculacephala minerva
Dysdercus mimulus
Epicaerus cognatus
Epinotia opposita
Ethmia festiva
Eucalymnatus tessellatus
Euetheola bidentata
Everes comyntas
Evergestis rimosalis
Exptochiomera albomaculata
Ferrisiana virgata
Furcaspis biformis
Gargaphia patricia
Genuchinus v-notatus
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Grapholitha packardi
Hemileuca oliviae
Heteropsylla texana
Lecaniodiaspis dendrobii
Lepidosaphes carinata

Countries of origin and insects—Continued

MEXICO—Continued
Lepidosaphes philococcus
Leptophobia aripa
Lichtensia lutea
Ligyrocoris aurivilliana
Lineodes integra
Loxostege similalis
Lygaeus circumlinitus
Lygaeus circumplicatus
Malocampa punctata
Micrapate labialis
Monellia costalis
Moodna bisinuella
Mormidea collaris
Myzocallis caryaefoliae
Neoleucinodes elegantalis
Noropsis hieroglyphica
Orthodes melanops
Ozophora consanguinea
Pachyzancla bipunctalis
Pantomorus godmani
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Praeblissus albofasciatus
Pseudischnaspis alienus
Pseudodiaspis yuccae
Ptinus villiger
Puto lasiorum
Puto mexicanus
Rhagoletis completa
Rhagoletis juglans
Rhagoletis pomonella
Rhopalosiphum subterraneum
Scyphophorus acupunctatus
Selenothrips rubrocintus
Sisamnes contractus
Sixeonotus luteiceps
Stenoma catenifer
Talponia batesi
"Targionia" bromiliae
"Targionia" cueroensis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Thamnophthorus schwarzi
Trialeurodes intermedia (?)
Trialeurodes vitrinellus
Trichobaris mucorea
Trionymus sacchari
Trioza magnoliae
Xylobiops texanum
MONTSERRAT:
Genopaschia protomis (?)
MOROCCO:
Exosoma lusitanica
Lepidosaphes ficus
NETHERLANDS:
Acrolepia assectella
Adoxophyes orana
Dialeurodes chittendeni
Evergestis forficalis
Gracilaria azaleella
Lampetia equestris
Leucaspis loewi
Liosomaphis berberidis
Lygus campestris
Mamestra brassicae
Masonaphis rhododendri
Nematus bergmanni
Phytomyza rufipes
Pityogenes bidentatus
Psylla buxi
Sitona lineata
Strophosoma capitatus
Taeniothrips atratus
Tarsonemus laticeps
NEVIS:
"Targionia" hartii
NICARAGUA:
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Cosmopolites sordidus
NICARAGUA—Continued.
Pinnaspis buxi
Platypus rugulosus
NIGERIA:
Aspidiotus destructor
Cordylomera spinicornis
NORWAY:
Allantus cinctus
Gortyna flavago
PALESTINE:
Ceratitis capitata
Cryptoblabes gnidiella
PANAMA:
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcaspis biformis
Leucaspis cockerelli
Metamasius sericeus
Stenoma anonella
Stenoma catenifer
Tmetomorpha bitias
PERU:
Aleurocanthus woglumi
Anastrepha serpentina (?)
Epinotia opposita
PHILIPPINES:
Achatina fulica
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus nulliporus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Lepidosaphes mcgregori
Mertila malayensis
Nasutitermes luzonicus
Pseudaonidia trilobitiformis
Pseudococcus palmarum
Pulvinaria psidii
Tadius erirhinoides
Taeniothrips hawaiiensis
POLAND:
Brachyrhinus ovatus
Hypera nigrirostris
PORTUGAL:
Ceratitis capitata
Chaetanaphothrips orchidii
Chrysomphalus diversicolor
Cryptoblabes gnidiella
Curculio elephas
Epinotia tessulatana
Laspeyresia nigricana
Laspeyresia splendana
Metopoplax ditomoides
Microplax plagiatus
Rhagoletis cerasi
PUERTO RICO:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Exophthalmus roseipes
Frankliniella cubensis
Lepidosaphes ficus
Maruca testulalis
Metamasius sericeus
Pachyzancla periusalis
Pectinophora gossypiella
"Targionia" sacchari
ST. KITTS:
Monomorium destructor
"Targionia" hartii
Vinsonia stellifera
ST. LUCIA:
Chrysomphalus umboniferus
"Targionia" hartii

Countries of origin and diseases—Continued

ST. VINCENT:
Callosobruchus phaseoli
Stephanoderes lecontei
SAIPAN:
Achatina fulica
SALVADOR:
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Leucaspis cockerelli
SCOTLAND:
Brachyrhinus singularis
Ceutorhynchus contractus
Gelechia ericetella
Lampetia equestris
Lochmaea capreae
Orthotylus ericetorum
Taeniothrips atratus
SIAM:
Monomorium destructor
Parlatoria pseudaspidiotus
SOUTH AMERICA:
Coccidella americana
Furcaspis biformis
Pseudaonidia trilobitiformis
SPAIN:
Brachycerus algirus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi
SWEDEN:
Callidium aeneum
Dicyphus annulatus
Hylurgops palliatus
Ips acuminatus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis cerasi
Taeniothrips atratus
SWITZERLAND:
Agallia venosa
Brachyrhinus porcatus
Brachyrhinus rugosostriatus
Parlatoria oleae
Rhyparochromus chiragra
Taeniothrips dianthi
SYRIA:
Ceratitis capitata
Dacus oleae
Monanthia echii
TAHITI:
Parlatoria cinerea
TRINIDAD:
Anastrepha mombinpraeoptans
Anastrepha striata
Ancylostomia stercorea
Asterolecanium epidendri
Chrysomphalus personatus
TRINIDAD—Continued
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Maruca testulalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Rhinochenus stigma
Sphenarches caffer
Thamnotettix hyalinapennis
Vinsonia stellifera
TURKEY:
Curculio elephas
UNION OF SOUTH AFRICA:
Argyroploce leucotreta
Asterolecanium stentae
Bostrychoplites cornutus
Carbula trisignata
"Chionaspis" indigoferae
Haplothrips bagnalli
Heterobostrychus brunneus
Lampetia equestris
Morganella longispina
Phlyctinus callosus
Rhagoletis pomonella (?)
Specularius impressithorax
UNKNOWN:
Ceratitis capitata
Haplothrips gowdeyi
Laphygma exempta
Pectinophora gossypiella
Rhagoletis pomonella (?)
Stenoma catenifer
Taeniothrips atratus
Taeniothrips dianthi
VENEZUELA:
Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Deroceras reticulatum
Diatraea busckella
Eurytoma orchidearum
Furcaspis biformis
Iridomyrmex iniquus
Protopulvinaria longivalvata
Pseudischnaspis alienus
Stenoma catenifer
Tenthecoris venezuelensis
Vinsonia stellifera
VIRGIN ISLANDS:
Cylas formicarius elegantulus
Euscepes postfasciatus
Orthezia praelonga
Vinsonia stellifera
YUGOSLAVIA:
Curculio elephas
Epidiaspis piricola
Laspeyresia splendana
Unaspis euonymi

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Alternaria citri Ell. & Pierce:					
Citrus paradisi (grapefruit)	Argentina		1		Pa.
Citrus reticulata (Mandarin orange)	Japan, Mexico	1	2		Calif.,* Tex.
Citrus sinensis (orange)	Mexico, Union of South Africa, Yugoslavia.	3	2		Calif.,*N.Y., Pa., Tex.
Citrus sp	Mexico	1			Tex.
Alternaria dianthi F. L. Stevens & J. G. Hall:					
Dianthus sp	England			1	Wash.
Gypsophila paniculata (babysbreath)	Mexico	1			Tex.
Alternaria porri (Ell.) Cif.:					
Allium cepa (onion)	do	1			Tex.
Alternaria raphani Groves & Skolko:					
Mathiola sp. (stock)	do	1			Tex.
Anguina tritici (Steinbuch) Filip.:					
Triticum aestivum (wheat)	Syria, Turkey			4	D. C.
Aphanomyces raphani Kendr.:					
Raphanus sativus (radish)	Mexico	1			Tex.
Aphelenchoides parietinus (Bastian) Steiner:					
Convallaria sp	Denmark			1	N. Y.
Aphelenchus avenae Bastian:					
Allium cepa (onion)	Mexico	1			Tex.
Gladiolus sp	Netherlands			1	N. J.
Soil with cactus plants	Mexico			1	Ariz.
Solanum tuberosum (potato)	do	2			Tex.
Apiospora camptospora Penz. & Sacc.:					
Saccharum officinarum (sugarcane)	do	2			Tex.
Apiospora montagnei Sacc.:					
Bamboo	Japan	1			Tex.
Ascochyta citri Penz.:					
Citrus sinensis (orange)	Mexico	1			Tex.
Botryosphaeria ribis Gross. & Dugg.:					
Citrus limon (lemon)	Italy		1		Ala.
Paeonia suffruticosa (tree peony)	Japan			1	Calif.*
Botrytis elliptica (Berk.) Cke.:					
Lilium auratum (goldband lily)	do			2	Calif.*
Lilium hansonii (hanson lily)	do			1	Calif.*
Lilium japonicum (Japanese lily)	do			1	Claif.*
Lilium rubellum (rubellum lily)	do			1	Calif.*
Lilium speciosum rubrum (pink speciosum lily)	do			4	Calif.*
Lilium sp	China, Japan	1		1	Calif.*
Lycoris radiata (shorttube lycoris)	Japan			1	Calif.*
Botrytis galanthina (Berk. & Br.) Sacc.:					
Galanthus nivalis (snowdrop)	Netherlands			5	Calif.*
Galanthus sp	do			8	Md., Mass., N. Y., Pa.
Botrytis gladiolorum Timmermans:					
Gladiolus sp	Austria, Japan, Mexico, Netherlands.	1		9	Calif.,* Mich., Tex.
Tritonia sp	Netherlands			1	N. J.
Calospora platanoidis (Fr.) Niessl:					
Acer pseudoplatanus (sycamore maple)	Denmark			1	N. J.
Catacauma sabal Chardon:					
Palm	Mexico	2			Tex.
Cercospora angreci Roum.:					
Odontoglossum sp (orchid)	Belgium			2	N. J.
Orchid	Mexico			1	Tex.
Stanhopea sp. (orchid)	Guatemala			1	N. Y.
Cercospora bocconiae Chupp:					
Bocconia frutescens	Mexico			1	Tex.
Cercospora centaureae Died.:					
Centaurea cyanus (cornflower)	do	1			Tex.
Cercospora coffeicola Berk. & Cke.:					
Coffea sp. (coffee)	do			1	Ariz.
Cercospora duddiae Welles:					
Allium cepa (onion)	do	1			Tex.
Cercospora fraxinites Ell. & Ev.:					
Fraxinus sp. (ash)	do	4			Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951 inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cercospora gossypina Cke.:					
Gossypium sp. (cotton; leaf)	Mexico	1			Tex.
Cercospora handelii Bub.:					
Rhododendron sp	Netherlands			1	N. J.
Cercospora insulana (Sacc.) Chupp:					
Limonium sinuatum	Mexico	1			Tex.
Limonium sp	do	1			Tex.
Cercospora kaki Ell. & Ev.:					
Diospyros kaki (kaki persimmon)	Japan		1		Calif.*
Cercospora lippiae Ell. & Ev.:					
Lippia alba	Mexico	1			Tex.
Cercospora lythracearum Heald & Wolf:					
Puncia granatum (pomegranate)	do	1			Tex.
Cercospora mangiferae Koord.:					
Mangifera indica (mango)	do		1		Calif.
Cercospora musae Zimm.:					
Musa paradisiaca sapientum (banana)	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nigeria, Panama.	55			Calif., Calif.,* Md.,N.Y., Pa., Tex.
Cercospora nepetae Tehon:					
Nepeta sp	Mexico	1			Tex.
Cercospora neriella Sacc.:					
Nerium oleander (oleander)	Bermuda			1	N. Y.
Cercospora purpurea Cke.:					
Laurus sp	Mexico	1			Ariz.
Cerebella andropogonis Ces.:					
Paspalum dilatatum (dallas grass)	Australia			1	D. C.
Tricholaena repens (Natal grass)	Venezuela			1	D. C.
Ceuthospora lunata Shear:					
Rhododendron sp	Netherlands			1	N. J.
Cheatomium contortum Pk.:					
Zantedeschia aethiopica (callalily)	do			1	N. J.
Zantedeschia sp	do			1	N. J.
Chiodecton sanguineum (Sw.) Wain.:					
Cattleya sp. (orchid)	Brazil			1	Calif.*
Chlamydomyces palmarum (Cke.) Mason:					
Begonia sp	Belgium			1	Calif.*
Chrysomyxa rhododendri (DC.) D By.:					
Rhododendron ferrugineum	Austria, Switzerland, unknown.	7	1		Mass., N. Y.
Rhododendron sp	England			1	Wash.
Cladosporium oryzae Sacc. & Syd.:					
Oryza sativa (rice)	India, Japan	1	1		Calif.*
Cladosporium pisicola Snyd.:					
Pisum sativum (pea)	Mexico, Portugal	3	1		Md., Tex.
Clonostachys araucaria Cda.:					
Ceanothus sp	Netherlands			1	Wash.
Coleosporium domingense (Berk.) Arth.:					
Plumeria sp	Canal Zone			1	Fla.
Coleosporium ipomoeae (Schw.) Burr.:					
Ipomoea sp. (morning-glory)	Mexico	1			Tex.
Colletotrichum cajani Rangel:					
Cajanus cajan (pigeonpea)	Puerto Rico	4			N. Y., P. R.
Colletotrichum coffeanum Noack:					
Coffea sp. (coffee)	Venezuela	1			Tex.
Colletotrichum falcatum Went:					
Saccharum officinarum (sugarcane)	Bahamas, Cuba, Mexico	2	1		Fla.,* Tex.
Colletotrichum graminicolum (Ces.) G. W. Wils.:					
Sorghum vulgare technicum (broomcorn)	Italy, Mexico	2			Md., Tex.
Zea mays (corn)	Germany	1			Pa.
Colletotrichum liliacearum (Schw.) Ferr.:					
Iris sp	Australia			1	Calif.*
Colletotrichum lilii Plakidas:					
Lilium auratum (goldband lily)	Japan			20	Calif.,* Oreg.
Lilium formosanum (Formosa lily)	do			1	Calif.*
Lilium giganteum (giant lily)	do			1	Calif.*
Lilium hansonii (hanson lily)	do			2	Calif.*
Lilium henryi (henry lily)	do			2	Calif.*

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Colletotrichum lilii Plakidas—Continued					
Lilium japonicum (Japanese lily)	Japan			2	Calif.*
Lilium longiflorum (Easter lily)	do			3	Calif.*
Lilium neilgherrense	India			1	Calif.*
Lilium rubellum (rubellum lily)	Japan			2	Calif.*
Lilium speciosum rubrum (pink speciosum lily)	do			25	Calif.,* Wash.
Lilium tigrinum (tiger lily)	do			1	Calif.*
Lilium wallichianum (wallich lily)	India			1	Wash.
Lilium sp.	Bermuda, China, India, Japan.	18		5	Calif.,* N. Y.
Colletotrichum pisi Pat.: *Pisum sativum* (pea)	Mexico	1			Tex.
Colletotrichum pisicola Snyd.: *Pisum sativum* (pea)	Portugal		1		Md.
Colletotrichum trichellum (Fr.) Duke: *Hedera helix* (English ivy)	Germany			1	N. J.
Hedera sp. (ivy)	Ireland			1	N. Y.
Coniosporium agaves Pass.: *Agave* sp. (century plant)	Mexico	1			Tex.
Coniosporium chusqueae Speg.: *Chusquea quila* (quila)	Chile	1			N. Y
Coniothecium quercina Sacc.: *Quercus* sp. (oak)	Mexico	1			Tex.
Coniothyrium cytisallum (Pass. & Thum.) Sacc.: *Laburnum watereri*	Netherlands			10	N. J.
Coniothyrium hellebori Cke. & Mass.: *Helleborus niger* (Christmas-rose)	Netherlands, Switzerland.			8	N. J.
Coniothyrium olivaceum Bon.: *Laburnum* sp.	Netherlands			1	N.J.
Wisteria spp.	Japan			2	Calif.*
Coniothyrium pirinum (Sacc.) Sheldon: *Malus sylvestris* (apple)	Mexico	2			Tex.
Coryneum carpophilum (Lev.) Jauch: *Prunus persica* (peach)	do	1			Tex.
Cryptodiaporthe salicina (Curr.) Wehm.: *Salix discolor* (pussy willow)	Netherlands	1			N. Y.
Curvularia lunata (Wakk.) Boed.: *Gladiolus* sp.	Mexico	1			Tex.
Cymadothea trifolii (Fr.) Wolf: *Trifolium* sp. (clover)	France	1			N. Y.
Cytospora ceratophora Sacc.: *Castanea* sp. (chestnut)	England	1			Pa.
Cytospora chrysosperma Fr.: *Salix discolor* (pussy willow)	Netherlands	1			N. Y.
Cytospora rhoina Fr.: *Cotinus coggygria* (smoketree)	England			1	N. J.
Cytospora salicis (Cda.) Rab.: *Salix* sp.	Argentina, France	1	1		La., Mass.
Dendryphium obstipum Pollack: *Colocasia esculenta* (dasheen)	China	2			Calif.*
Dendryphium toruloides (Fres.) Sacc.: *Maxillaria* sp.	Mexico			1	Tex.
Diaporthe eres Nits.: *Wisteria* spp.	Japan			1	Calif.*
Dibotryon morbosum (Schw.) Theiss. & Syd.: Unknown shrub or tree	Mexico	1			Tex.
Diplocarpon earliana (Ell. & Ev.) Wolf: *Fragaria* sp. (strawberry)	Czechoslovakia			1	Md.
Diplocarpon rosae Wolf: *Rosa* sp. (rose)	Brazil	1			P. R.
Diplodia cococarpa Sacc.: *Cocos nucifera* (coconut)	Guam, Hawaii, Marshall Islands, Nigeria, Philippines.	26			Calif.*
Diplodia epicocos Cke.: *Cocos nucifera* (coconut)	Kwajalein Island	1			Hawaii.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Diplodia gossypina Cke.:					
Ipomoea batatas (sweetpotato)	Mexico		1		Tex.
Morus sp. (mulberry)	Bahamas			2	Tex.
Nymphaea sp. (waterlily)	China	1			Wash.
Diplodia henriquesiana Trav. & Spessa:					
Vanda gigantea (orchid)	Siam			1	N. J.
Diplodia paraphysaria Sacc.:					
Trichopilia sp. (orchid)	Canal Zone			1	Calif.*
Diplodia sedicola Cke. & Harkn.:					
Sedum sp.	Mexico			1	D. C.
Diplodia theobromae (Pat.) Nowell:					
Bamboo	India	1			N. Y.
Cucurbita pepo (pumpkin)	Brazil		1		Pa.
Garcinia mangostana (mangosteen)	India	1			N. Y.
Kigelia pinnata	Union of South Africa	1			Mass.
Palm	Mexico	1			Tex.
Diplodina eurhododendri Voss:					
Rhododendron sp.	Netherlands			2	N. J.
Diplodina grossulariae Sacc. & Briard:					
Ribes sp.	Germany			1	N. J.
Diplodina rostrupii Vest.:					
Leucothoe catesbaei	Netherlands			1	N. J.
Pieris floribunda	do			1	N. J.
Discella carbonacea (Fr.) Berk. & Br.:					
Salix discolor (pussy willow)	do	1			N. Y.
Discosia artocreas Fr.:					
Camellia japonica (camellia)	Japan			4	Calif.*
Rhododendron sp.	Canada			1	Wash.
Ditylenchus dipsaci (Kuhn) Filip.:					
Allium cepa (onion)	Mexico	1			Ariz.
Tigridia sp.	Netherlands			1	Pa.
Ditylenchus iridis Steiner:					
Iris xiphium (Spanish iris)	do			1	Calif.*
Elsinoe australis Bitanc. & Jenkins:					
Citrus aurantifolia (sour lime)	Brazil		4		La., Md., Tex.
Citrus aurantifolia	Paraguay	1			Fla.*
Citrus limon (lemon)	Argentina, Brazil, Ecuador.	1	32		Ala., Calif.,* La., Md., Mass., N. Y., Pa., Tex.
Citrus sinensis (orange)	Argentina, Brazil, Unknown, Uruguay.	2	61		Ala., Calif.,* Fla.,* La., Md., Mass., N. Y., Pa., Tex., Va.
Citrus sp. (orange)	Argentina, Brazil, Uruguay.		4		Fla.,* Md., N. Y.
Elsinoe fawcettii Bitanc. & Jenkins var. *scabiosa* Jenkins:					
Citrus limon (lemon)	Australia		2		La., Mass.
Elsinoe phaseoli Jenkins:					
Phaseolus lunatus macrocarpus (lima bean)	Cuba, Puerto Rico	6			N. Y., P. R.
Entomosporium maculatum Lev.:					
Cydonia oblonga (quince)	Mexico	1			Tex.
Entyloma dahliae Syd.:					
Dahlia sp.	Denmark	1			N. Y.
Erwinia citrimaculans (Doidge) Magrou:					
Citrus sinensis (orange)	Union of South Africa		1		Tex.
Exobasidium vaccinii (Fckl.) Wor.:					
Rhododendron carolinianum	Netherlands			1	N. J.
Rhododendron laetevirens	do			1	N. J.
Fabraea maculata Atk.:					
Cydonia oblonga (quince)	Mexico	2			Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Fusarium oxysporum Schlecht f. *gladioli* (Massey) Snyd. & Hansen:					
Gladiolus sp.	Netherlands, Virgin Islands.			9	D. C., La., N. Y., Tex., Va.
Fusarium oxysporum Schlecht. f. *medicaginis* (Weimer) Snyd. & Hansen:					
Medicago sativa (alfalfa)	Mexico			1	Calif.*
Fusarium oxysporum Schlecht. f. *narcissi* (Cke. & Mass.) Snyd. & Hansen:					
Narcissus sp.	Netherlands			9	Calif.,* N. Y., S. C., Tex.
Fusarium oxysporum Schlecht. f. *tuberosi* (Wr.) Snyd. & Hansen:					
Solanum tuberosum (potato)	Mexico	1			Tex.
Gliomastix convoluta (Harz.) Mason:					
Lilium regale (royal lily)	Netherlands			1	Calif.*
Lilium tenuifolium (coral lily)	do			1	Calif.*
Orania macrocladus (palm)	Straits Settlements			1	Calif.*
Solanum tuberosum (potato)	Australia, China, Japan, Netherlands, Sweden.		5		Calif.*
Zingiber officinale (ginger)	China, Japan	53			Calif.*
Gloeosporium aquifolii Penz. & Sacc.:					
Ilex aquifolium (English holly)	France		1		N. Y.
Gloeosporium catechu Syd.:					
Areca cathecu (betel palm)	Philippines	1			Calif.*
Gloeosporium leguminum (Cke.) Sacc.:					
Prosopis sp. (mesquite)	Mexico	1			Tex.
Gloeosporium olivarum Alm.:					
Olea europaea (olive)	Cyprus, Italy	3	1		N. Y., Tex.
Gloeosporium perennans Zeller & Childs:					
Malus sylvestris (apple)	Sweden		1		N. Y.
Gloeosporium piperatum Ell. & Ev.:					
Capsicum frutescens (pepper)	Mexico	1			Tex.
Gymnosporangium haraeanum Syd.:					
Juniperus chinensis (Chinese juniper)	Japan			4	Calif.*
Gymnosporangium japonicum Syd.:					
Juniperus chinensis	do			1	Calif.*
Gymnosporangium juniperi Lk.:					
Sorbus aucuparia (European mountain-ash)	Sweden			1	N. Y.
Gymnosporangium juniperinum (Pers.) Mart.:					
Sorbus aucuparia	Norway, Sweden			2	N. Y.
Helminthosporium oryzae Breda de Haan:					
Oryza sativa (rice)	China	1			Calif.*
Hendersonia sabaleos Ces.:					
Palm	Union of South Africa		1		Mass.
Heterodera avenae Eidam:					
Soil with bagging	England	1			N. Y.
Soil with pine	Isle of Man			1	N. Y.
Soil with potatoes	Netherlands		1		Pa.
Soil with rutabagas	England		1		Pa.
Heterodera cacti Filip. & Schuurmans Stekhoven:					
Soil with cactus	France, Israel			3	N. J., N. Y.
Soil with cactus and succulents	France			1	N. J.
Soil with *Epiphyllum* sp.	Mexico			1	Calif.*
Soil with *Mammillaria* sp.	do			3	Calif.,* Tex.
Soil with unknown plants	Italy			1	N. Y.
Heterodera punctata Thorne:					
Soil on an old army truck	Germany	1			N. Y.
Soil with bagging	England, Netherlands, Scotland.	4			N. Y., Pa.
Soil with bulbs	Denmark, England			2	Ill., N. Y.
Soil with cactus	England, Israel			2	N. J., N. Y.
Soil with cactus and sedum	England			1	N. Y.
Soil with carrots	Sweden		1		Pa.
Soil with cockscomb	England			1	N. Y.
Soil with coleus	Iceland			1	N. Y.
Soil with currant plants	England			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Heterodera punctata—Continued					
Soil with cyclamen	England			1	N. Y.
Soil with *Cymbidium* sp	do			1	N. J.
Soil with forget-me-not	Germany			1	N. Y.
Soil with heather	England, Scotland	1		2	N. Y.
Soil with *Laurus* sp	Spain			1	N. Y.
Soil with narcissus bulbs	Ireland			1	N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with packing around dishes	Germany	1			N. Y.
Soil with phlox plants	do			1	N. Y.
Soil with pine	Isle of Man			1	N. Y.
Soil with various plants	Germany, Spain, Sweden, Switzerland.	1		3	N. J., N. Y.
Soil with potatoes	England, Norway, Sweden.	1	3		N. Y., Pa.
Soil with primrose plants	England			1	N. Y.
Soil with rose bush	do			1	N. Y.
Soil with *Sedum* sp. and cacti	do			1	N. Y.
Soil with *Sedum* sp	Austria			1	N. Y.
Soil with shamrock	Ireland			1	N. Y.
Soil with spruce and oak trees	Germany			1	N. Y.
Soil with succulents and rhododendrons	Scotland			1	N. J.
Soil with miscellaneous trees	Spain			1	N. Y.
Soil from used urns	England	1			N. Y.
Heterodera rostochiensis Wr.:					
Soil on an old army truck	Germany	1			N. Y.
Soil with asparagus fern	England			1	N. Y.
Soil with bagging	Belgium, England, Netherlands, Scotland	57			Mass., N. Y. Pa., Va.
Soil with beets	England		1		N. Y.
Soil with begonia plants	Denmark			1	N. Y.
Soil with begonia tubers	Germany			1	N. Y.
Soil with bulbs	Denmark			1	Ill.
Soil with cactus and sedum plants	England			1	N. Y.
Soil with carrots	do		1		Wash.
Soil with chrysanthemum cuttings	do			1	N. J.
Soil with clematis plants	England, Switzerland			2	N. Y.
Soil with *Convallaria* sp	England, Finland			2	Md., N. J.
Soil with old cordage	England	1			N. Y.
Soil with current plants	England, Sewden			3	N. Y.
Soil with cyclamen plants	Netherlands			1	N. Y.
Soil with dahlia tubers	England, Ireland, Scotland.			4	N. J., N. Y.
Soil with fern	England, Netherlands			2	N. Y.
Soil with *Fragaria* sp	England			1	N. J.
Soil with geranium plant	England, Germany, Ireland.			3	N. J., N. Y.
Soil with *Glecoma hederacea* plant	Ireland			1	N. Y.
Soil with gloxinia plant	Luxembourg, Norway			2	N. Y.
Soil with gooseberry, currant, and plum plants	Sweden			1	N. Y.
Soil with heath	Scotland			1	Calif.*
Soil with heather	England, Scotland	1		6	N. J., N. Y.
Soil with heather and potatoes	Scotland	8			N. J., N. Y.
Soil with iris and gladiolus bulbs	England			1	N. Y.
Soil with jute bagging	do	1			N. Y.
Soil with kale and shamrock plants	Ireland			1	N. Y.
Soil with lavender plants	England, Ireland			3	N. Y.
Soil with leeks	Ireland		1		N. Y.
Soil with lily bulbs	England, Scotland			2	N. J., N. Y.
Soil with lily-of-the-valley pips	Netherlands			1	N. Y.
Soil with myrtle plant	Germany			1	N. Y.
Soil with narcissus bulbs and dahlia roots	Ireland			1	N. Y.
Soil with oat straw packing	England	1			N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with hay packing around dishes	Germany	1			N. Y.
Soil with packing for old toys	England	1			N. J.
Soil with perennials	Ireland			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Heterodera rostochiensis—Continued					
Soil with various plants	England, Germany, Scotland.	----	----	6	N. Y.
Soil with potatoes	Denmark, England, Germany, Ireland, Norway, Scotland, Spain.	4	14	3	Calif.,* N. Y., Pa., Tex., Va., Wash.
Soil with raspberry plants	Sweden	----	----	1	N. Y.
Soil with rhododendron plant	Scotland	----	----	1	Mass.
Soil with *Sedum* sp. plants	Poland	----	----	1	N. Y.
Soil with shallot	Wales	----	----	1	N. Y.
Soil with shamrocks	Ireland, Scotland	3	----	3	Calif.,* Mass., N. Y., Pa.
Soil with strawberry plants	Denmark	----	----	1	N. Y.
Soil with strawberry, gooseberry, and carnation plants.	England	----	----	1	N. Y.
Soil with thyme plants	England	----	----	1	N. Y.
Soil with tulip bulbs	do	----	----	1	N. Y.
Soil with violet roots	do	----	----	1	Calif.*
Soil with woody cuttings	Scotland	----	----	1	N. Y.
Soil	Ireland	1	----	----	N. Y.
Sweepings from floor of lighter	Scotland	1	----	----	N. Y.
Heterodera schachtii Schmidt:					
Soil with beets	Italy	----	1	----	Wash.
Soil with grape and fig plants	do	----	----	1	N. Y.
Heterosporium iridis (Fautr. & Roum.) Jacques:					
Gladiolus sp.	Mexico	1	----	----	Tex.
Iris germanica (German iris)	New Zealand	----	----	1	Calif.*
Heterosporium ornithogali (Klotzsch) Cke.:					
Ornithogalum thyrsodides (chinkerichee)	Union of South Africa	4	----	----	Mass., Mich., N. Y., Pa.
Hormiscium pinophilum (Nees) Lind.:					
Abies balsamea (balsam fir)	Norway	1	----	----	Minn.
Abies sp. (fir)	Germany	1	----	----	N. Y.
Hormodendron cladosporioides (Fres.) Sacc.:					
Musa paradisiaca sapientum (banana)	Honduras	1	----	----	S. C.
Hypocrella caulium (Berk. & Curt.) Pat.:					
Citrus reticulata (Mandarin orange)	Trinidad	1	----	----	N. Y.
Iscaria clavata Ditm. (?):					
Cocos nucifera (coconut)	Mexico	1	----	----	Calif.*
Isariopsis griseola Sacc.:					
Phaseolus vulgaris var. (string bean)	Puerto Rico	2	----	----	N. Y.
Lembosia agave Earle:					
Agave sp	do	1	----	----	P. R.
Leprosis:					
Citrus sinensis (orange)	Bolivia, Brazil	1	1	----	Mass., Tex.
Leptosphaeria eustomoides Sacc.:					
Triticum aestivum (wheat)	Germany	1	----	----	Calif.*
Leptosphaeria rusci (Wallr.) Sacc.:					
Ruscus cladodes	Italy	1	----	----	Pa.
Leptosphaeria vagabunda Sacc.:					
Chrysanthemum zawadskii	Canada	----	----	1	N. J.
Leptostromella hysterioides (Fr.) Sacc. (?):					
Paeonia suffruticosa (tree peony)	Japan	----	----	1	Calif.*
Leptothyrium pomi (Mont. & Fr.) Sacc.:					
Malus sylvestris (apple)	Mexico	1	----	----	Tex.
Lophodermium arundinaceum (Fr.) Chev.:					
Phragmites communis (reed)	Netherlands	1	----	----	Md.
Lophodermium pinastri (Fr.) Chev.:					
Pinus sp. (pine)	Japan	----	----	1	Calif.*
Macrophoma epidendri Keissl.:					
Schomburgkia sp. (orchid)	Mexico	----	----	1	Tex.
Macrophoma musae (Cke.) Berl. & Vogl.:					
Musa paradisiaca sapientum (banana)	Costa Rica, Hawaii, India, Mexico, Panama.	5	1	----	Calif.,* Hawaii.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Macrophomina phaseolina (Tassi) Goid.:					
Ipomoea batatas (sweetpotato)	Japan, Mexico	----	2	----	Calif.*
Solanum tuberosum (potato)	Japan	----	1	----	Calif.*
Marssonina fraxini Ell. & Davis:					
Fraxinus sp. (ash)	Mexico	1	----	----	Tex.
Marssonina juglandis (Lib.) Magn.:					
Juglans sp. (walnut)	Italy	1	----	----	Mass.
Melanospora zamiae Cda.:					
Zingiber officinale (ginger)	China	41	----	----	Calif.*
Meliola citricola Syd.:					
Citrus grandis (pummelo)	do	1	----	----	Calif.*
Meloidogyne arenaria (Neal) Chitwood:					
Begonia sp.	Belgium	----	----	1	N. J.
Clematis sp.	Netherlands	----	----	1	N. J.
Memnoniella echinata (Rivolta) L. O. Gall.:					
Lilium longiflorum (Easter lily)	Japan	----	----	1	Calif.*
Zingiber officinale (ginger)	China, Japan, Tahiti	75	----	----	Calif.*
Metasphaeria hibiscincola Rehm:					
Hibiscus sp.	Trinidad	----	----	1	N. Y.
Microperella quercus Hoehn:					
Quercus sp. (oak)	Japan	1	----	----	Wash.
Microthyrium microscopicum Desm.:					
Buxus sp.	Netherlands	----	----	1	N. J.
Monilinia fructicola (Wint.) Honey:					
Malus sylvestris (apple)	New Zealand	1	----	----	N. Y.
Moniliniafructigena (Aderh. & Ruhl.) Honey:					
Cydonia oblonga (quince)	Italy	1	----	----	N. Y.
Malus sylvestris (apple)	England	----	1	----	Pa.
Pyrus communis (pear)	Italy, Sweden	----	2	----	Calif.,* N. Y.
Mycena citricolor (Berk. & Curt.) Sacc.: [*Omphalia flavida* Maubl. & Rangel]					
Gardenia augusta (gardenia)	Guatemala, Mexico	3	----	----	Calif., La., Tex.
Mycosphaerella advena Syd.:					
Chamaedorea sp. (palm)	Mexico	1	----	----	Tex.
Mycosphaerella clintoniana House:					
Rhododendron sp.	Netherlands	----	----	1	Wash.
Mycosphaerella opuntiae (Ell. & Ev.) Dearn.:					
Echinocactus sp. (cactus)	Mexico	----	----	1	Tex.
Mycosphaerella palmae Miles:					
Palm	do	1	----	----	Tex.
Mycosphaerella pomi (Pass.) Lindau:					
Malus sylvestris (apple)	New Zealand	----	1	----	Pa.
Mycosphaerella punctiformis (Pers.) Schroet.:					
Andromeda sp.	Netherlands	----	----	1	N. J.
Mycosphaerella rhododendri (Cke.) G. H. Martin:					
Rhododendron sp.	do	----	----	1	N. J.
Mycosphaerella stemmatea (Fr.) Rom.:					
Vaccinium vitis-idaea (cowberry)	Sweden	----	----	1	Wash.
Myriangium duriaei Mont.:					
Citrus sinensis (orange)	Siam	----	1	----	Va.
Mytilidion decipiens (Karst.) Sacc.:					
Juniperus sp. (juniper)	Japan	----	----	1	Wash.
Nigrospora sphaerica (Sacc.) Mason:					
Cymbopogon citratus (lemon grass)	Iraq	----	1	----	Calif.*
Oryza sativa (rice)	Japan	2	----	----	Calif.*
Ophiostoma narcissi Limber:					
Narcissus sp.	England, Germany, Netherlands.	----	----	13	N. J., N. Y.
Papularia arundinis (Cda.) Fr.:					
Phragmites communis (reed)	Netherlands	1	----	----	Tex.
Papularia sphaerosperma (Fr.) Hoehn.:					
Bamboo	Japan	1	----	----	Wash.
Papularia vinosa (Berk. & Curt.) Mason:					
Bamboo	Mexico	1	----	----	Ariz.
Papulaspora coprophila (Zukal) Hotson:					
Tulipa sp. (tulip)	Netherlands	----	----	1	N. J.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Papulaspora parasitica (Eidam) Harz:					
Gladiolus sp.	Japan			1	Calif.*
Ricinis communis (castor-bean)	Philippines	1			Calif.*
Paraphelenchus amblyurus Steiner:					
Iris kaempferi (Japanese iris)	Japan			1	Calif.*
Peronospora effusa (Grev.) Rab.:					
Spinacia oleracea (spinach)	Mexico	8			Ariz.
Pestalotia conspicua Servazzi:					
Cattleya sp. (orchid)	Brazil			1	Calif.*
Cymbidium sp. (orchid)	Fiji Islands			1	Hawaii.
Dendrobium johannis (orchid)	Australia			1	Hawaii.
Epidendrum prismatocarpum (orchid)	Costa Rica			1	Fla.
Orchid	Honduras			1	Tex.
Stanhopea sp. (orchid)	Mexico			1	Tex.
Pestalotia diospyri Syd.:					
Diospyros kaki (kaki persimmon)	Japan	1			Calif.*
Pestalotia disseminata Thuem.:					
Eucalyptus sp.	Mexico	1			Tex.
Pestalotia funerea Desm.:					
Araucaria araucana (monkeypuzzle)	Scotland			1	N. Y.
Pestalotia guepini Desm.:					
Camellia sp.	Azores, France, Japan	1		3	Calif.,* Mass.
Rhododendron obtusum	Japan			1	Wash.
Pestalotia japonica Syd.:					
Acer palmatum (Japanese maple)	do			1	Calif.*
Pestalotia macrotricha Kleb.:					
Pieris japonica (Japanese andromeda)	Netherlands			1	N. J.
Rhododendron sp.	do			1	Wash.
Pestalotia paeoniae Maubl.:					
Paeonia suffruticosa (tree peony)	Japan			2	Calif.*
Pestalotia palmarum Cke.:					
Cocos nucifera (coconut)	Cuba, Hawaii, Marshall Islands, Philippines.	7	1	1	Calif.,* Pa.
Palm	Mexico	1			Tex.
Pestalotia psidii Pat.:					
Psidium guajava (guava)	do	1			Tex.
Pestalotia rhododendri (D. Sacc.) Guba:					
Rhododendron sp.	Netherlands			2	N. J., Wash.
Pezizella oenotherae (Cke. & Ell.) Sacc.:					
Rosa sp.	do			1	N. J.
Phaeosphaeria oryzae Miyake:					
Oryza sativa (rice)	Japan	1			Calif.*
Phakospora desmium (Berk. & Br.) Cumm.:					
Gossypium sp. (cotton)	Puerto Rico	1			P. R.
Phlyctaena ranunculacearum Hoehn.:					
Paeonia suffruticosa (tree peony)	Japan			1	Calif.*
Paeonia sp.	do			1	Calif.*
Phoma citricarpa McAlp.:					
Citrus grandis (pummelo)	China	2	1		Calif*
Citrus limon (lemon)	China, New Zealand, Union of South Africa.		4		Calif.,* La., Mass.
Citrus paradisi (grapefruit)	Union of South Africa		1		Md.
Citrus reticulata (Mandarin orange)	China, Japan	55	3		Calif.,* Mass., Minn., N. Y.
Citrus sinensis (orange)	Australia, China, Fiji Islands, Japan, Union of South Africa.	39	9		Calif.,* Hawaii, Mass., Md., Pa.
Citrus sp.	China	1			Hawaii.
Phoma hortensiae Brun.:					
Hydrangea sp.	Azores			1	Mass.
Phoma limonii Theum.:					
Citrus sinensis (orange)	Mexico	1			Tex.
Phoma pomi Pass.:					
Malus sylvestris (apple)	Norway		1		Pa.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Phoma rusci West.:					
Ruscus aculeatus (?)	Italy	1			Pa.
Phomopsis cinerescens (Sacc.) Trav.:					
Ficus carica (fig)	Mexico			1	Tex.
Phomopsis cocoes Petch:					
Cocos nucifera (coconut)	Guam, Philippines	4			Calif.*
Phomopsis ophites (Sacc.) Trav.:					
Hibiscus hamabo (hamabo hibiscus)	Netherlands			1	N. J.
Phomopsis palmicola (Wint.) Sacc.:					
Arecao athecu (betel palm)	Yap Island			1	Calif.*
Phragmidium disciflorum [Tode] James:					
Rosa sp	Germany, Italy	1		1	Mass., N. Y.
Phragmidium montivagum Arth. (?):					
Rosa sp	Canada			1	N. J.
Phyllosticta caryae Pk.:					
Carya illinoensis (pecan)	Mexico	1			Tex.
Phyllosticta gaultheriae Ell. & Ev.:					
Gaultheria shallon (salal)	do	3			Tex.
Phyllosticta glumarum (Ell. & Tracy) Miyake:					
Oryza sativa (rice)	Dominican Republic	1			P. R.
Phyllosticta laeliae Keissl.:					
Dendrobium sp. (orchid)	Australia			1	Calif.*
Phyllosticta mortoni Fairm.:					
Mangifera indica (mango)	Mexico	1			Tex.
Phyllosticta passiflorae McAlp.:					
Passiflora edulis (purple granadilla)	Australia	1			Hawaii.
Phyllosticta ruscicola (Desm.) Dur. & Mont.:					
Ruscus sp	Italy	3			N. Y., Pa.
Physalospora obtusa (Schw.) Cke.:					
Malus sylvestris (apple)	France, Germany	1	2		Ga., Mich., Pa.
Phytophthora parasitica Dast.:					
Lycopersicon esculentum (tomato)	Mexico	2			Ariz.
Phytophthora phaseoli Thaxt.:					
Phaseolus vulgaris var. (string bean)	do	1			Tex.
Pleospora herbarum (Pers.) Rab.:					
Linum sp. (flax)	Belgium	1			Pa.
Vitis sp. (grape)	Italy			1	N. Y.
Pseudomonas marginata (McCull.) Stapp:					
Gladiolus sp	Netherlands			1	Calif.*
Pseudomonas savastanoi (E.F. Sm.) F. L. Stevens:					
Olea europaea (olive)	Italy	2			N. Y.
Pseudomonas seminum Cayley:					
Pisum satirum (pea)	Portugal		1		Tex.
Pseudomonas solanacearum E. F. Sm.:					
Solanum tuberosum (potato)	Mexico	1			Tex.
Pseudopeziza medicaginis (Lib.) Sacc.:					
Medicago sativa (alfalfa)	Argentina		1		Tex.
Puccinia antirrhini Diet. & Holw.:					
Antirrhinum majus (snapdragon)	Germany	1			Mass.
Puccinia arenariae (Schum.) Wint.:					
Dianthus barbatus (sweet-william)	England, Switzerland	2			Mass., N. Y.
Puccinia buxi DC.:					
Buxus sempervirens (box)	England, Yugoslavia			2	N. Y.
Puccinia chrysanthemi Roze:					
Chrysanthemum sp	England			1	N. J.
Puccinia glumarum (Schmidt) Eriks. & E. Henn.:					
Triticum aestivum (wheat)	Italy	1			Pa.
Puccinia graminis Pers. var. *tritici* Eriks. & E. Henn.:					
Triticum aestivum (wheat)	Guatemala	1			Tex.
Puccinia heliconiae (Diet.) Arth.:					
Strelitzia sp. (bird-of-paradise-flower)	Trinidad			1	Fla.
Puccinia hordei Otth:					
Hordeum sp	Mexico	2			Calif.*
Puccinia obtecta Pk.:					
Scirpus sp	do	2			Tex.
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	3			N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Puccinia porri (Sow.) Wint.:					
Allium porrum (leek)	Sweden		1		Pa.
Puccinia scirpi DC.:					
Typha sp. (cattail)	Mexico	1			Calif.
Puccinia stakmanii Presley:					
Gossypium sp. (cotton)	do	1			Tex.
Puccinia urbaniana P. Henn.:					
Stachytarpheta jamaicensis	Puerto Rico	1			P. R.
Stachytarpheta spp	do	1			P. R.
Puccinia violae (Schum.) DC.:					
Viola tricolor (wild pansy)	Norway	1			N. Y.
Pyrenochaeta acicola (Lev.) Sacc.:					
Pinus sp. (5-leaved pine)	Japan			1	Hawaii.
Pythium ultimum Trow:					
Cattleya sp. (orchid)	Belgium			1	N. J.
Pythium ultimum Trow (?):					
Sinningia speciosa (gloxinia)	do			3	N. J.
Ramularia tulasnei Sacc.:					
R Fragaria sp	France			1	D. C.
otylenchus robustus (de Man) Filip. (?):					
Soil with primrose plant	England			1	N. Y.
Schizophyllum commune Fr.:					
Agave sp	Hawaii	1			Wash.
Orchid	Mexico			1	Tex.
Sclerotinia kerneri Wettst.:					
Abies sp	Switzerland	1			Mass.
Sclerotinia minor Jagger:					
Cichorium endivia (endive)	Belgium	3			N. Y.
Sclerotium cepivorum Berk.:					
Allium sativum (garlic)	Italy	33	2		N. Y., Pa.
Sclerotium irregulare Miy.:					
Oryza sativa (rice)	China	1			Wash.
Septoria azaleae Vogl.:					
Rhododendron indicum (indica azalea)	Belgium			1	N. J.
Rhododendron sp	Netherlands			4	N. J.
Septoria chrysanthemi Allesch.:					
Chrysanthemum sp	Japan, Mexico	4		1	Calif.,* Tex.
Septoria citri Pass.:					
Citrus limon (lemon)	Italy, Spain	1	3		Calif.,* Mich., Pa.
Citrus paradisi (grapefruit)	Japan		1		Calif.*
Citrus sinensis (orange)	Straits Settlements		1		N. Y.
Septoria leucanthemi Sacc. & Speg.:					
Chrysanthemum maximum (shasta daisy)	Mexico, Scotland	2		1	N. J., Tex.
Chrysanthemum sp	Japan, unknown		1	1	Hawaii, N. Y.
Septoria macrosporia Dearn.:					
Daisy	Mexico	1			Tex.
Septoria posekensis Sacc.:					
Cymbidium devonianum (orchid)	India			4	Calif.*
Cymbidium elegans	do			3	Calif.*
Cypripedium callosum (orchid)	Siam			1	Calif.*
Cypripedium fairieanum	India			6	Calif.,* N. J.
Odontoglossum citrosmum (orchid)	Mexico			2	Calif.,* Tex.
Septosporium scyphophorum Cke. & Harkn.:					
Eucalyptus sp	do	1			Tex.
Medicinal herb	do	1			Tex.
Sorosporium syntherismae (Pk.) Farl.:					
Panicum sp	Argentina	1			Tex.
Sphaceloma perseae Jenkins:					
Persea americana (avocado)	Mexico	1			Tex.
Sphaeropsis orchidearum Cif. & Frag.:					
Orchid	Costa Rica			1	Fla.
Stachybotrys subsimplex Cke.:					
Musa paradisiaca sapientum (banana)	Panama	2			Calif.*
Stachylidium theobromae Turc.:					
Musa paradisiaca (plantain)	Honduras	1			N. Y.
Musa paradisiaca sapientum (banana)	Mexico, Panama, Philippines, Portugal.	4	1		Calif.,* Mass.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Stagnospora macrospora (Dur. & Mont.) Sacc.:					
Agave sp.	Mexico			1	Tex.
Stemphylium botryosum Wallr.:					
Allium porrum (leek)	do		1		Tex.
Hyacinthus sp.	Netherlands			1	Minn.
Musa paradisica sapientum (banana)	Mexico		1		Calif.*
Stemphylium ilicis Tengwall:					
Muscari botryoides (grapehyacinth)	Netherlands			2	N. Y., Tex.
Stemphylium radicinum (Meier, Drechs. & Eddy) Neerg.:					
Daucus carota (carrot)	England		1		Tex.
Stereum rufum Fr.:					
Populus sp.	Mexico	1			Tex.
Stigmella sacchari Speg.:					
Saccharum officinarum (sugarcane)	Hawaii	1			Calif.*
Stilbum incarnatum Wakk.:					
Castanea sp. (chestnut)	Japan	1			Calif.*
Dahlia sp.	Australia			1	Calif.*
Eleocharis dulcis (waternut)	China	3			Calif.*
Pachyrhizus tuberosus (West Indies yam)	do	3			Calif.*
Trapa natans (waterchestnut)	do	1			Calif.*
Stomatogene agaves (Ell. & Ev.) Th. & Syd.:					
Yucca aloifolia (Spanish dagger)	Mexico	1			Tex.
Yucca sp.	do	1			Tex.
Streak (winter blight):					
Lycopersicon esculentum (tomato)	do	2			Ariz.
Thecopsora areolata (Fr.) Magn.:					
Picea abies (Norway spruce)	Austria	1			Calif.*
Thielaviopsis basicola (Berk. & Br.) Ferr.:					
Begonia sp.	Netherlands			1	Calif.*
Sinningia speciosa (gloxinia)	Belgium			9	Calif.,* N. J., Pa.
Torula oleae Cast.:					
Olea europaea (olive)	Azores			1	Mass.
Trichoderma viride Fr.:					
Pandanus sp. (screwpine)	Kwajalein	1			Hawaii.
Tritirachium dependens Limber:					
Gladiolus sp.	Africa, Japan			2	La., N. Y.
Lilium auratum (goldband lily)	Japan			4	Calif.*
Lilium concolor (morningstar lily)	do			1	Calif.*
Lilium giganteum (giant lily)	do			1	Calif.*
Lilium longiflorum (Easter lily)	do			3	Calif.*
Lilium rubellum (rubellum lily)	do			1	Calif.*
Lilium speciosum rubrum (pink speciosum lily)	do			6	Calif.*
Lilium sp.	Bermuda, China, Japan	4		3	Calif.,* N. Y.
Lycoris radiata (shorttube lycoris)	Japan			1	Calif.*
Narcissus sp.	China	1			Calif.*
Trullula olivascens Sacc.:					
Citrus sinensis (orange)	Argentina		1		Calif.*
Tryblidiella rufula (Spreng.) Sacc.:					
Unknown stem	Mexico	1			Tex.
Uredo aurantiaca Mont.:					
Oncidium sp. (orchid)	Brazil			1	N. J.
Uredo behnickiana P. Henn.:					
Brassavola sp. (orchid)	Mexico			1	Tex.
Laelia anceps (orchid)	do			2	Tex.
Uredo guacae Mayor:					
Stanhopea sp. (orchid)	Costa Rica, Mexico			2	Fla., Tex.
Uredo jucunda Syd.:					
Philodendron sp.	Costa Rica			2	Fla.
Uredo nigropunctata P. Henn.:					
Bletia sp. (orchid)	Bahamas			1	Fla.
Uredo oncidii P. Henn.:					
Oncidium bicallosum (orchid)	Guatemala			1	Calif.*
Oncidium cavendishianum	Mexico			2	Fla., Tex.
Oncidium cebolleta	do			1	Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Urocystis colchici (Schlecht.) Rab.:					
Colchicum autumnale album	Netherlands			1	N. J.
Colchicum autumnale major	do			1	N. J.
Colchicum autumnale minor	do			1	N. J.
Colchicum bornmuelleri	do			3	N. J.
Colchicum sp.	do			7	N. J.
Urocystis gladiolicola Ainsworth:					
Gladiolus sp.	do			1	N. J.
Uromyces alyxiae Arth.:					
Alyxia olivaeformis	Hawaii	2			Calif.*
Uromyces lespedezae-procumbentis (Schw.) Curt.:					
Lespedeza stipulacea (Korean lespedeza)	China			1	Calif.*
Uromyces striatus Schroet. var. *medicaginis* (Pass.) Arth.:					
Medicago sativa (alfalfa)	Argentina	1			Tex.
Ustilago tritici (Pers.) Rost.:					
Triticum aestivum (wheat)	England	1			Calif.*
Venturia inaequalis (Cke.) Wint. var. *cinerascens* (Fckl.) Aderh.:					
Sorbus aucuparia (European mountain-ash)	Germany	1			N. Y.
Vermicularia dematium Fr.:					
Dahlia sp.	Australia			1	Calif.*
Virus—undetermined:					
Crossandra sp.	Canal Zone			1	Fla.
Xanthomonas citri (Hasse) Dowson:					
Citrus aurantifolia (sour lime)	India, Indonesia		14		Ala., Mas N. Y
Citrus grandis (pummelo)	China, Japan	2	1		Calif.*
Citrus grandis (?)	Straits Settlements		1		Calif.*
Citrus limon (lemon)	India, Japan		18		Calif.*
Citrus mitis (calamondin orange) (?)	India		1		N. Y.
Citrus paradisi (grapefruit)	Ceylon, China, Japan		4		Calif.,* Mass.
Citrus reticulata (Mandarin orange)	China	6			Calif.*
Citrus sinensis (orange)	Ceylon, China, Japan	11	6		Calif.,* Pa.
Citrus sp.	Japan (?)		1		Wash.
Xanthomonas hyacinthi (Wakk.) Dowson:					
Hyacinthus sp.	Netherlands			14	Mich., N. Y.
Xanthomonas sp. (Cancrosis "B"):					
Citrus limon (lemon)	Argentina		6		La., N. Y., Pa., Tex.
Yellow-mottle virus:					
Camellia sasanqua (sasanqua tea)	Japan			1	Calif.*

Hosts and diseases

ABIES:
Hormiscium pinophilum (Deuteromycetes)
Sclerotinia kerneri (Ascomycetes)
ACER:
Calospora platanoidis (Ascomycetes)
Pestalotia japonica (Deuteromycetes)
AGAVE:
Coniosporium agaves (Deuteromycetes)
Lembosia agave (Ascomycetes)
Schizophyllum commune (Basidomycetes)
Stagnospora macrospora (Deuteromycetes)
ALLIUM CEPA:
Alternaria porri (Deuteromycetes)
Aphelenchus avenae (Nematoda)
Cercospora duddiae (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
ALLIUM PORRUM:
Puccinia porri (Promycetes)
Stemphylium botryosum (Deuteromycetes)
ALLIUM SATIVUM:
Sclerotium cepivorum (Deuteromycetes)
ALYXIA:
Uromyces alyxiae (Promycetes)
ANDROMEDA:
Mycosphaerella punctiformis (Ascomycetes)
ANTIRRHINUM:
Puccinia antirrhini (Promycetes)
ARAUCARIA:
Pestalotia funerea (Deuteromycetes)
ARECA:
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicolà (Deuteromycetes)
BAMBOO:
Apiospora montagnei (Phycomycetes)
Diplodia theobromae (Deuteromycetes)
Papularia sphaerosperma (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
BEGONIA:
Chlamydomyces palmarum (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Thielaviopsis basicola (Deuteromycetes)
BLETIA:
Uredo nigropunctata (Promycetes)
BOCCONIA:
Cercospora bocconiae (Deuteromycetes)
BRASSAVOLA:
Uredo behnickiana (Promycetes)
BUXUS:
Microthyrium microscopicum (Ascomycetes)
Puccinia buxi (Promycetes)
CAJANUS:
Colletotrichum cajani (Deuteromycetes)
CAMELLIA:
Discosia artocreas (Deuteromycetes)
Pestalotia guepini (Deuteromycetes)
Yellow-mottle virus
CAPSICUM:
Gloeosporium piperatum (Deuteromycetes)
CARYA:
Phyllosticta caryae (Deuteromycetes)
CASTANEA:
Cytospora ceratophora (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
CATTLEYA:
Chiodecton sanguineum (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Pythium ultimum (Phycomycetes)
CEANOTHUS:
Clonostachys araucaria (Deuteromycetes)
CENTAUREA:
Cercospora centaureae (Deuteromycetes)
CHAMAEDOREA:
Mycosphaerella advena (Ascomycetes)
CHRYSANTHEMUM:
Leptosphaeria vagabunda (Ascomycetes)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
CHUSQUEA:
Coniosporium chusqueae (Deuteromycetes)
CICHORIUM:
Sclerotinia minor (Ascomycetes)
CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS GRANDIS:
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
Botryosphaeria ribis (Ascomycetes)
Elsinoe australis (Ascomycetes)
Elsinoe fawcetti var. *scabiosa* (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis "B") (Schizomycetes)
CITRUS MITIS (?):
Xanthomonas citri (Schizomycetes)
CITRUS PARADISI:
Alternaria citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
Alternaria citri (Deuteromycetes)
Hypocrella caulium (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SINENSIS:
Alternaria citri (Deuteromycetes)
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Erwinia citrimaculans (Schizomycetes)
Leprosis
Myriangium duriaei (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phoma limonii (Deuteromycetes)
Septoria citri (Deuteromycetes)
Trullula olivascens (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SP. (orange):
Elsinoe australis (Ascomycetes)
CITRUS SP.:
Alternaria citri (Deuteromycetes).
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CLEMATIS:
Meloidogyne arenaria (Nematoda)
COCOS:
Diplodia cococarpa (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Isaria clavata (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocoes (Deuteromycetes)
Urocystis colchici (Promycetes)
COFFEA:
Cercospora coffeicola (Deuteromycetes)
Colletotrichum coffeanum (Deuteromycetes)
COLCHICUM:
Urocystis colchici (Promycetes)
COLOCASIA:
Dendryphium obstipum (Deuteromycetes)
CONVALLARIA:
Aphelenchoides parietinus (Nematoda)
COTINUS:
Cytospora rhoina (Deuteromycetes)
CROSSANDRA:
Virus—undetermined
CUCURBITA:
Diplodia theobromae (Deuteromycetes)
CYDONIA:
Entomosporium maculatum (Deuteromycetes)
Fabraea maculata (Ascomycetes)
Monilinia fructigena (Ascomycetes)
CYMBIDIUM:
Pestalotia conspicua (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
CYMBOPOGON:
Nigrospora sphaerica (Deuteromycetes)
CYPRIPEDIUM:
Septoria posekensis (Deuteromycetes)
DAHLIA:
Entyloma dahliae (Promycetes)
Stilbum incarnatum (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
DAISY:
Septoria macrosporia (Deuteromycetes)

Hosts and diseases—Continued

DAUCUS:
Stemphylium radicinum (Deuteromycetes)
DENDROBIUM:
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
DIANTHUS:
Alternaria dianthi (Deuteromycetes)
Puccinia arenariae (Promycetes)
DIOSPYROS:
Cercospora kaki (Deuteromycetes)
Pestalotia diospyri (Deuteromycetes)
ECHINOCACTUS:
Mycosphaerella opuntiae (Ascomycetes)
ELEOCHARIS:
Stilbum incarnatum (Deuteromycetes)
EPIDENDRUM:
Pestalotia conspicua (Deuteromycetes)
EUCALYPTUS:
Pestalotia disseminata (Deuteromycetes)
Septosporium scyphophorum (Deuteromycetes)
FICUS:
Phomopsis cinerescens (Deuteromycetes)
FRAGARIA:
Diplocarpon earliana (Ascomycetes)
Ramularia tulasnei (Deuteromycetes)
FRAXINUS:
Cercospora fraxinites (Deuteromycetes)
Marssonina fraxini (Deuteromycetes)
GALANTHUS:
Botrytis galanthina (Deuteromycetes)
GARCINIA:
Diplodia theobromae (Deuteromycetes)
GARDENIA:
Mycena citricolor [*Omphalia flavida*] (Deuteromycetes)
GAULTHERIA:
Phyllosticta gaultheriae (Deuteromycetes)
GLADIOLUS:
Aphelenchus avenae (Nematoda)
Botrytis gladiolorum (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Heterosporium iridis (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Tritirachium dependens (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
GOSSYPIUM:
Cercospora gossypina (Deuteromycetes)
Phakopsora desmium (Promycetes)
Puccinia stakmanii (Promycetes)
GYPSOPHILA:
Alternaria dianthi (Deuteromycetes)
HEDERA:
Colletotrichum trichellum (Deuteromycetes)
HELLEBORUS:
Coniothyrium hellebori (Deuteromycetes)
HIBISCUS:
Metasphaeria hibiscincola (Ascomycetes)
Phomopsis ophites (Deuteromycetes)
HORDEUM:
Puccinia hordei (Promycetes)
HYACINTHUS:
Stemphyllium botryosum (Deuteromycetes)
Xanthomonas hyacinthi (Schizomycetes)
HYDRANGEA:
Phoma hortensiae (Deuteromycetes)
ILEX:
Gloeosporium aquifolii (Deuteromycetes)
IPOMOEA:
Coleosporium ipomoeae (Promycetes)
Diplodia gossypina (Deuteromycetes)
Macrophomina phaseolina (Deuteromycetes)
IRIS:
Colletotrichum liliacearum (Deuteromycetes)
Ditylenchus iridis (Nematoda)
Heterosporium iridis (Deuteromycetes)
Paraphelenchus amblyurus (Nematoda)
JUGLANS:
Marssonina juglandis (Deuteromycetes)
JUNIPERUS:
Gymnosporangium haraeanum (Promycetes)
Gymnosporangium japonicum (Promycetes)
Mytilidion decipiens (Ascomycetes)
KIGELIA:
Diplodia theobromae (Deuteromycetes)
LABURNUM:
Coniothryrium cytisellum (Deuteromycetes)
Coniothyrium olivaceum (Deuteromycetes)
LAELIA:
Uredo behnickiana (Promycetes)
LAURUS:
Cercospora purpurea (Deuteromycetes)
LESPEDEZA:
Uromyces lespedezae-procumbentis (Promycetes)
LEUCOTHOE:
Diplodina rostrupii (Deuteromycetes)
LILIUM:
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilii (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
LIMONIUM:
Cercospora insulana (Deuteromycetes)
LINUM:
Pleospora herbarum (Ascomycetes)
LIPPIA:
Cercospora lippiae (Deuteromycetes)
LYCOPERSICON:
Phytophthora parasitica (Phycomycetes)
Streak (winter blight)
LYCORIS:
Botrytis elliptica (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
MALUS:
Coniothyrium pirinum (Deuteromycetes)
Gloeosporium perennans (Deuteromycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructicola (Ascomycetes)
Mycosphaerella pomi (Ascomycetes)
Phoma pomi (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
MANGIFERA:
Cercospora mangiferae (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
MATHIOLA:
Alternaria raphani (Deuteromycetes)
MAXILLARIA:
Dendryphium toruloides (Deuteromycetes)
MEDICAGO:
Fusarium oxysporum f. *medicaginis* (Deuteromycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)
MORUS:
Diplodia gossypina (Deuteromycetes)
MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachybotrys subsimplex (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
MUSCARI:
Stemphylium ilicis (Deuteromycetes)
NARCISSUS:
Fusarium oxysporum f. narcissi (Deuteromycetes)
Ophiostoma narcissi (Ascomycetes)
Tritirachium dependens (Deuteromycetes)
NEPETA:
Cercospora nepetae (Deuteromycetes)
NERIUM:
Cercospora neriella (Deuteromycetes)
NYMPHAEA:
Diplodia gossypina (Deuteromycetes)
ODONTOGLOSSUM:
Cercospora angreci (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
OLEA:
Gloeosporium olivarum (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)
Torula oleae (Deuteromycetes)
ONCIDIUM:
Uredo aurantiaca (Promycetes)
Uredo oncidii (Promycetes)

Hosts and diseases—Continued

ORANIA:
Gliomastix convoluta (Deuteromycetes)
ORCHID:
Cercospora angreci (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Schizophyllum commune (Basidomycetes)
Sphaeropsis orchidearum (Deuteromycetes)
ORNITHOGALUM:
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
ORYZA:
Cladosporium oryzae (Deuteromycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phyllosticta glumarum (Deuteromycetes)
Sclerotium irregulare (Deuteromycetes)
PACHYRHIZUS:
Stilbum incarnatum (Deuteromycetes)
PAEONIA:
Botryosphaeria ribis (Ascomycetes)
Leptostromella hysterioides (Deuteromycetes)
Pestalotia paeoniae (Deuteromycetes)
Phlyctaena ranunculacearum (Deuteromycetes)
PALM:
Catacauma sabal (Ascomycetes)
Diplodia theobromae (Deuteromycetes)
Hendersonia sabaleos (Deuteromycetes)
Mycosphaerella palmae (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)
PANDANUS:
Trichoderma viride (Deuteromycetes)
PANICUM:
Sorosporium syntherismae (Promycetes)
PASPALUM:
Cerebella andropogonis (Deuteromycetes)
PASSIFLORA:
Phyllosticta passiflorae (Deuteromycetes)
PERSEA:
Sphaceloma perseae (Deuteromycetes)
PHASEOLUS LUNATUS MACROCARPUS:
Elsinoe phaseoli (Ascomycetes)
PHASEOLUS VULGARIS VAR.:
Isariopsis griseola (Deuteromycetes)
Phytophthora phaseoli (Phycomycetes)
PHILODENDRON:
Uredo jucunda (Promycetes)
PHRAGMITES:
Lophodermium arundinaceum (Ascomcyetes)
Papularia arundinis (Deuteromycetes)
PICEA:
Thecopsora areolata (Promycetes)
PIERIS:
Diplodina rostrupii (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
PINUS:
Lophodermium pinastri (Ascomycetes)
Pyrenochaeta acicola (Deuteromycetes)
PISUM:
Cladosporium pisicola (Deuteromycetes)
Colletotrichum pisi (Deuteromycetes)
Pseudomonas seminum (Schizomycetes)
PLUMERIA:
Coleosporium domingense (Promycetes)
POPULUS:
Stereum rufum (Basidomycetes)
PROSOPIS:
Gloeosporium leguminum (Deuteromycetes)
PRUNUS PERSICA:
Coryneum carpophilum (Deuteromycetes)
PSIDIUM:
Pestalotia psidii (Deuteromycetes)
PUNICA:
Cercospora lythracearum (Deuteromycetes)
PYRUS:
Monilinia fructigena (Ascomycetes)
QUERCUS:
Coniothecium quercina (Deuteromycetes)
Microperella quercus (Deuteromycetes)
RAPHANUS:
Aphanomyces raphani (Phycomycetes)
RHODODENDRON:
Cercospora handelii (Deuteromycetes)
Ceuthospora lunata (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Diplodina eurhododendri (Deuteromycetes)
Discosia artocreas (Deuteromycetes)
Exobasidium vaccinii (Basidiomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia guepini (Deuteromycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
RIBES:
Diplodina grossulariae (Deuteromycetes)
RICINUS:
Papulaspora parasitica (Deuteromycetes)
ROSA:
Diplocarpon rosae (Ascomycetes)
Pezizella oenotherae (Ascomycetes)
Phragmidium disciflorum (Promycetes)
Phragmidium montivagum (?) (Promycetes)
RUSCUS:
Leptosphaeria rusci (Ascomycetes)
Phoma rusci (Deuteromycetes)
Phyllosticta ruscicola (Deuteromycetes)
SACCHARUM:
Apiospora camptospora (Ascomycetes)
Colletotrichum falcatum (Deuteromycetes)
Stigmella sacchari (Deuteromycetes)
SALIX:
Cryptodiaporthe salicina (Ascomycetes)
Cytospora chrysosperma (Deuteromycetes)
Cytospora salicis (Deuteromycetes)
Discella carbonacea (Deuteromycetes)
SCHOMBURGKIA:
Macrophoma epidendri (Deuteromycetes)
SCIRPUS:
Puccinia obtecta (Promycetes)
SEDUM:
Diplodia sedicola (Deuteromycetes)
SINNINGIA:
Pythium ultimum (?) (Phycomycetes)
Thielaviopsis basicola (Deuteromycetes)
SOIL:
Aphelenchus avenae (Nematoda)
Heterodera avenae (Nematoda)
Heterodera cacti (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Heterodera schachtii Nematoda)
Rotylenchus robustus (?) (Nematoda)
SOLANUM TUBEROSUM:
Aphelenchus avenae (Nematoda)
Fusarium oxysporum f. tuberosi (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
Macrophomina phaseolina (Deuteromycetes)
Pseudomonas solanacearum (Schizomycetes)
SORBUS:
Gymnosporangium juniperi (Promycetes)
Gymnosporangium juniperinum (Promycetes)
Venturia inaequalis var. *cinerascens* (Ascomycetes)
SORGHUM:
Colletotrichum graminicolum (Deuteromycetes)
SPINACIA:
Peronospora effusa (Phycomycetes)
STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
STANHOPEA:
Cercospora angreci (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Uredo guacae (Promycetes)
STRELITZIA:
Puccinia heliconiae (Promycetes)
TIGRIDIA:
Ditylenchus dipsaci (Nematoda)
TRAPA:
Stilbum incarnatum (Deuteromycetes)
TRICHOLAENA:
Cerebella andropogonis (Deuteromycetes)
TRICHOPILIA:
Diplodia paraphysaria (Deuteromycetes)
TRIFOLIUM:
Cymadothea trifolii (Ascomycetes)

Hosts and diseases—Continued

TRITICUM:
Anguina tritici (Nematoda)
Leptosphaeria eustomoides (Ascomycetes)
Puccinia glumarum (Promycetes)
Puccinia graminis var. *tritici* (Promycetes)
Ustilago tritici (Promycetes)
TRITONIA:
Botrytis gladiolorum (Deuteromycetes)
TULIPA:
Papulaspora coprophila (Deuteromycetes)
TYPHA:
Puccinia scirpi (Promycetes)
VACCINIUM:
Mycosphaerella stemmatea (Ascomycetes)
VANDA:
Diplodia henriquesiana (Deuteromycetes)
VIOLA:
Puccinia violae (Promycetes)
VITIS:
Pleospora herbarum (Ascomycetes)
WISTERIA:
Coniothyrium olivaceum (Deuteromycetes)
Diaporthe eres (Ascomycetes)
YUCCA:
Stomatogene agaves (Ascomycetes)
ZANTEDESCHIA:
Chaetomium contortum (Ascomycetes)
ZEA:
Colletotrichum graminicolum (Deuteromycetes)
ZINGIBER:
Glimoastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)

Hosts unknown

HERB:
Septosporium scyphophorum (Deuteromycetes)
STEM:
Dibotryon morbosum (Ascomycetes)
Tryblidiella rufula (Ascomycetes)

Countries of origin and diseases

AFRICA:
Tritirachium dependens
ARGENTINA:
Alternaria citri
Cytospora salicis
Elsinoe australis
Pseudopeziza medicaginis
Sorosporium syntherismae
Trullula olivascens
Uromyces striatus var. *medicaginis*
Xanthomonas sp. (Cancrosis "B")
AUSTRALIA:
Cerebella andropogonis
Colletotrichum liliacearum
Elsinoe fawcettii var. *scabiosa*
Gliomastix convoluta
Pestalotia conspicua
Phoma citricarpa
Phyllosticta laeliae
Phyllosticta passiflorae
Stilbum incarnatum
Vermicularia dematium
AUSTRIA:
Botrytis gladiolorum
Chrysomyxa rhododendri
Heterodera punctata
Thecopsora areolata
AZORES:
Pestalotia guepini
Phoma hortensiae
Torula oleae
BAHAMAS:
Colletotrichum falcatum
Diplodia gossypina
Uredo nigropunctata
BELGIUM:
Cercospora angreci
Chlamydomyces palmarum
Heterodera rostochiensis
Meloidogyne arenaria
Pleospora herbarum
Pythium ultimum
Sclerotinia minor
Septoria azaleae
Thielaviopsis basicola
BERMUDA:
Cercospora neriella
Colletotrichum lilii
Tritirachium dependens
BOLIVIA:
Leprosis
BRAZIL:
Chiodecton sanguineum
Diplocarpon rosae
Diplodia theobromae
Elsinoe australis
Leprosis
Pestalotia conspicua
Uredo aurantiaca
CANADA:
Discosia artocreas
Leptosphaeria vagabunda
Phragmidium montivagum
CANAL ZONE:
Cercospora musae
Coleosporium domingense
Diplodia paraphysaria
Virus—undetermined
CEYLON:
Xanthomonas citri
CHILE:
Coniosporium chusqueae
CHINA:
Botrytis elliptica
Colletotrichum lilii
Dendryphium obstipum
Diplodia gossypina
Gliomastix convoluta
Helminthosporium oryzae
Melanospora zamiae
Meliola citricola
Memnoniella echinata
Phoma citricarpa
Sclerotium irregulare
Stilbum incarnatum
Tritirachium dependens
Uromyces lespedezae-procumbentis
Xanthomonas citri
COLOMBIA:
Cercospora musae
COSTA RICA:
Cercospora musae
Macrophoma musae
Pestalotia conspicua
Sphaeropsis orchidearum
Uredo guacae
Uredo jucunda
CUBA:
Colletotrichum falcatum
Elsinoe phaseoli
Pestalotia palmarum
CYPRUS:
Gloeosporium olivarum
CZECHOSLOVAKIA:
Diplocarpon earliana
DENMARK:
Aphelenchoides parietinus
Calospora platanoidis
Entyloma dahliae
Heterodera punctata
Heterodera rostochiensis
DOMINICAN REPUBLIC:
Phyllosticta glumarum
ECUADOR:
Elsinoe australis

Countries of origin and diseases—Continued

ENGLAND:
Alternaria dianthi
Chrysomyxa rhododendri
Cytospora ceratophora
Cytospora rhoina
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Ophiostoma narcissi
Puccinia arenariae
Puccinia buxi
Puccinia chrysanthemi
Rotylenchus robustus
Stemphylium radicinum
Ustilago tritici

FIJI ISLANDS:
Pestalotia conspicua
Phoma citricarpa

FINLAND:
Heterodera rostochiensis

FRANCE:
Cymadothea trifolii
Cytospora salicis
Gloeosporium aquifolii
Heterodera cacti
Pestalotia guepini
Physalospora obtusa
Ramularia tulasnei

GERMANY:
Colletotrichum graminicolum
Colletotrichum trichellum
Diplodina grossulariae
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Leptosphaeria eustomoides
Ophiostoma narcissi
Phragmidium disciflorum
Physalospora obtusa
Puccinia antirrhini
Venturia inaequalis var. *cinerascens*

GUAM:
Diplodia cococarpa
Phomopsis cocoes

GUATEMALA:
Cercospora angreci
Cercospora musae
Mycena citricolor
Puccinia graminis var. *tritici*
Uredo oncidii

HAWAII:
Diplodia cococarpa
Macrophoma musae
Pestalotia palmarum
Schizophyllum commune
Stigmella sacchari
Uromyces alyxiae

HONDURAS:
Cercospora musae
Hormodendron cladosporioides
Pestalotia conspicua
Stachylidium theobromae

ICELAND:
Heterodera punctata

INDIA:
Cladosporium oryzae
Colletotrichum lilii
Diplodia theobromae
Macrophoma musae
Septoria posekensis
Xanthomonas citri

INDONESIA:
Xanthomonas citri

IRAQ:
Nigrospora sphaerica

IRELAND:
Colletotrichum trichellum
Heterodera punctata
Heterodera rostochiensis

ISLE OF MAN:
Heterodera avenae
Heterodera punctata

ISRAEL:
Heterodera cacti
Heterodera punctata

ITALY:
Botryosphaeria ribis
Colletotrichum graminicolum
Gloeosporium olivarum
Heterodera cacti
Heterodera schachtii
Leptosphaeria rusci
Marssonina juglandis
Monilinia fructigena
Phoma rusci
Phragmidium disciflorum
Phyllosticta ruscicola
Pleospora herbarum
Pseudomonas savastanoi
Puccinia glumarum
Sclerotium cepivorum
Septoria citri

JAPAN:
Alternaria citri
Apiospora montagnei
Botryosphaeria ribis
Botrytis elliptica
Botrytis gladiolorum
Cercospora kaki
Cladosporium oryzae
Colletotrichum lilii
Coniothyrium olivaceum
Diaporthe eres
Discosia artocreas
Gliomastix convoluta
Gymnosporangium haraeanum
Gymnosporangium japonicum
Leptostromella hysterioides
Lophodermium pinastri
Macrophomina phaseolina
Memnoniella echinata
Microperella quercus
Mytilidion decipiens
Nigrospora sphaerica
Papularia sphaerosperma
Papulaspora parasitica
Paraphelenchus amblyurus
Pestalotia diospyri
Pestalotia guepini
Pestalotia japonica
Pestalotia paeoniae
Phaeosphaeria oryzae
Phlyctaena ranunculacearum
Phoma citricarpa
Pyrenochaeta acicola
Septoria chrysanthemi
Septoria citri
Septoria leucanthemi
Stilbum incarnatum
Tritirachium dependens
Xanthomonas citri
Yellow-mottle virus

KWAJALEIN ISLAND:
Diplodia epicocos
Trichoderma viride

LUXEMBOURG:
Heterodera rostochiensis

MARSHALL ISLANDS:
Diplodia cococarpa
Pestalotia palmarum

MEXICO:
Alternaria citri
Alternaria dianthi
Alternaria porri
Alternaria raphani
Aphanomyces raphani
Aphelenchus avenae
Apiospora camptospora
Ascochyta citri
Botrytis gladiolorum
Catacauma sabal
Cercospora angreci
Cercospora bocconiae
Cercospora centaureae
Cercospora coffeicola

Countries of origin and diseases—Continued

MEXICO—Continued
Cercospora duddiae
Cercospora fraxinites
Cercospora gossypina
Cercospora insulana
Cercospora lippiae
Cercospora lythracearum
Cercospora mangiferae
Cercospora musae
Cercospora nepelae
Cercospora purpurea
Cladosporium pisicola
Coleosporium ipomoeae
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum pisi
Coniosporium agaves
Coniothecium quercina
Coniothyrium pirinum
Coryneum carpophilum
Curvularia lunata
Dendryphium toruloides
Dibotryon morbosum
Diplodia gossypina
Diplodia sedicola
Diplodia theobromae
Ditylenchus dipsaci
Entomosporium maculatum
Fabraea maculata
Fusarium oxysporum f. *medicaginis*
Fusarium oxysporum f. *tuberosi*
Gloeosporium leguminum
Gloeosporium piperatum
Heterodera cacti
Heterosporium iridis
Isaria clavata (?)
Leptothyrium pomi
Macrophoma epidendri
Macrophoma musae
Macrophomina phaseolina
Marssonina fraxini
Mycena citricolor
Mycosphaerella advena
Mycosphaerella opuntiae
Mycosphaerella palmae
Papularia vinosa
Peronospora effusa
Pestalotia conspicua
Pestalotia disseminata
Pestalotia palmarum
Pestalotia psidii
Phoma limonii
Phomopsis cinerescens
Phyllosticta caryae
Phyllosticta gaultheriae
Phyllosticta mortoni
Phytophthora parasitica
Phytophthora phaseoli
Pseudomonas solancearum
Puccinia hordei
Puccinia obtecta
Puccinia scirpi
Puccinia stakmanii
Schizophyllum commune
Septoria chrysanthemi
Septoria leucanthemi
Septoria macrosporia
Septoria posekensis
Septosporium scyphophorum
Sphaceloma perseae
Stachylidium theobromae
Stagnospora macrospora
Stemphylium botryosum
Stereum rufum
Stomatogene agaves
Streak (winter blight)
Tryblidiella rufula
Uredo behnickiana
Uredo guacae
Uredo oncidii

NETHERLANDS:
Aphelenchus avenae
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata

NETHERLANDS—Continued
Chaetomium contortum
Clonostachys araucaria
Coniothyrium cytisellum
Coniothyrium hellebori
Coniothyrium olivaceum
Cryptodiaporthe salicina
Cytospora chrysosperma
Diplodina eurhododendri
Diplodina rostrupii
Discella carbonacea
Ditylenchus dipsaci
Ditylenchus iridis
Exobasidium vaccinii
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Gliomastix convoluta
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Lophodermium arundinaceum
Meloidogyne arenaria
Microthyrium microscopicum
Mycosphaerella clintoniana
Mycosphaerella punctiformis
Mycosphaerella rhododendri
Ophiostoma narcissi
Papularia arundinis
Papulaspora coprophila
Pestalotia macrotricha
Pestalotia rhododendri
Pezizella oenotherae
Phomopsis ophites
Pseudomonas marginata
Septoria azaleae
Stemphylium botryosum
Stemphylium ilicis
Thielaviopsis basicola
Urocystis colchici
Urocystis gladiolicola
Xanthomonas hyacinthi

NEW ZEALAND:
Heterosporium iridis
Monilinia fructicola
Mycosphaerella pomi
Phoma citricarpa

NIGERIA:
Cercospora musae
Diplodia cococarpa

NORWAY:
Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Phoma pomi
Puccinia violae

PANAMA:
Cercospora musae
Macrophoma musae
Stachybotrys subsimplex
Stachylidium theobromae

PARAGUAY:
Elsinoe australis

PHILIPPINES:
Diplodia cococarpa
Gloeosporium catechu
Papulaspora parasitica
Pestalotia palmarum
Phomopsis cocoes
Stachylidium theobromae

POLAND:
Heterodera rostochiensis

PORTUGAL:
Cladosporium pisicola
Pseudomonas seminum
Stachylidium theobromae

PUERTO RICO:
Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griseola
Lembosia agave
Phakopsora desmium
Puccinia urbaniana

Countries of origin and diseases—Continued

SCOTLAND:
Heterodera punctata
Heterodera rostochiensis
Pestalotia funerea
Septoria leucanthemi
SIAM:
Diplodia henriquesiana
Myriangium duriaei
Septoria posekensis
SPAIN:
Heterodera punctata
Heterodera rostochiensis
Septoria citri
STRAITS SETTLEMENTS:
Gliomastix convoluta
Septoria citri
Xanthomonas citri
SWEDEN:
Gliomastix convoluta
Gloeosporium perennans
Gymnosporangium juniperi
Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Mycosphaerella stemmatea
Puccinia porri
SWITZERLAND:
Chrysomyxa rhododendri
Coniothyrium hellebori
Heterodera punctata
Heterodera rostochiensis
Puccinia arenariae
Sclerotinia kerneri
SYRIA:
Anguina tritici
TAHITI:
Memnoniella echinata
TRINIDAD:
Hypocrella caulium
Metasphaeria hibiscincola
Puccinia heliconiae
TURKEY:
Anguina tritici
UNION OF SOUTH AFRICA:
Alternaria citri
Diplodia theobromae
Erwinia citrimaculans
Hendersonia sabaleos
Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogali-thyrsoides
UNKNOWN:
Chrysomyxa rhododendri
Elsinoe australis
Septoria leucanthemi
URUGUAY:
Elsinoe australis
VENEZUELA:
Cerebella andropogonis
Colletotrichum coffeanum
VIRGIN ISLANDS:
Fusarium oxysporium f. *gladioli*
WALES:
Heterodera rostochiensis
YAP ISLAND:
Phomopsis palmicola
YUGOSLAVIA:
Alternaria citri
Puccinia buxi

☆ U. S. GOVERNMENT PRINTING OFFICE: 1952—211894

114
I.P.C.